

NRC FORM 7 (8-2007) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027	EXPIRES: 06/30/2009
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL <i>(See Instructions on Page 5)</i>		Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submission 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 (7-5 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.	

PART A. FOR NRC USE ONLY	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 5/27/08
LICENSE NUMBER Xcom/199	DOCKET NUMBER	ADAMS ACCESSION NUMBER

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS
(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 Wah Chang 1600 NE Old Salem Rd. Albany, OR 97321	1a. NAME OF APPLICANT'S CONTACT Sheila K. Pershall	1b. APPLICANT'S REFERENCE NUMBER 138923
	1c. PHONE NUMBER (541) 917-6712	1d. FAX NUMBER (541) 967-6990
	1e. E-MAIL ADDRESS sheila.pershall@wahchang.com	
2. TYPE OF ACTION REQUESTED (Check One) <input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART 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: _____		

3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 11/01/2008	5. LAST SHIPMENT DATE 02/01/2009	6. PROPOSED EXPIRATION DATE 12/31/2010 ✓
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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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Northwest Zircocladding Co. LTD No. 1 Taicheng Road Shaanxi Province Baoji, 721014 China	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Qinshan Nuclear Power Plant Phase 1 Haiyan Country Zhejiang Province China
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7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	8a. INTERMEDIATE USE(S) Reduce Tubes for Fuel Cladding	9a. ULTIMATE END USE(S) Fuel Bundles for Qinshan Nuclear Power
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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 Tref [REDACTED] PLEASE KEEP VALUE OF LICENSE PROPRIETARY	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 36,000 Kgs.	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)
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11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)
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NRC FORM 7
(8-2007)
10 CFR 110

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 06/30/2009

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

(See Instructions on Page 5)

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PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 5-21-08
LICENSE NUMBER XCOM1199	DOCKET NUMBER	ADAMS ACCESSION NUMBER	

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS
(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	1a. NAME OF APPLICANT'S CONTACT Sheila K. Pershall	1b. APPLICANT'S REFERENCE NUMBER 138923	
	1c. PHONE NUMBER (541) 917-6712	1d. FAX NUMBER (541) 967-6990	
	1e. E-MAIL ADDRESS sheila.pershall@wahchang.com		
2. TYPE OF ACTION REQUESTED (Check One)			
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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.)

7. NAME(S) / ADDRESS(ES) OF SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) Northwest Zircocladding Co. LTD No. 1 Taicheng Road Shaanxi Province Baoji, 721014 China	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Qinshan Nuclear Power Plant Phase 1 Haiyan Country Zhejiang Province China	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	8a. INTERMEDIATE USE(S) Reduce Tubes for Fuel Cladding	9a. ULTIMATE END USE(S) Fuel Bundles for Qinshan Nuclear Power	
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 [REDACTED]	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 36,000 Kgs.	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)			

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5-21-08
RB*

NRC FORM 7
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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>XCOM1199</i>	DOCKET NUMBER	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 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)
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 type="checkbox"/> YES <input checked="" 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 <i>Sheila K. Pershall Export Administrator</i>	18b. SIGNATURE - AUTHORIZED OFFICIAL <i>Sheila K Pershall</i>	18c. DATE <i>5/19/2008</i>
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*Rec'd 5-21-08
PB*

NRC FORM 7
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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XCOM1199	DOCKET NUMBER	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)

Additional Intermediate Consignee:

**Yibin Nuclear Fuel Element Plant
Yingbin Road, Yibin
Sichuan, China**

(Fuel Fabrication for Qinshan Nuclear Power Reactor, Phase I)

Wah Chang previously exported Zircaloy Trex to Northwest Zircocladding for the same end use and end user on NRC XCOM 1192, NRC XCOM 1177 and NRC XCOM 1165

*Rec'd
5-21-08
RB*



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

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May 19, 2008

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20555

Attached is a license application for export of Zirconium Trex tubes to Northwest Zircoccladding in China. I have included a check for \$8100, an end use statement, a nuclear suppliers certification statement, and a BIS-711 form.

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@wahchang.com, or by fax to 541-967-6990.

Sincerely,

A handwritten signature in black ink that reads "Sheila Pershall".

Sheila Pershall
Export Administrator

Attachments



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

X com 1199
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To:

<u>Name</u>	<u>Date</u>
Robin Barnes	May 27, 2008

<u>Company</u>	<u>Fax Number</u>
NRC	301-415-2395

From:

<u>Name</u>
Sheila Pershall

Reference:

<u>Subject</u>
Page One of Application

Please find attached correction.

Sincerely,
Sheila Pershall

Rec'd + com 1199
5-21-08
RB

FORM BIS-711 FORM APPROVED UNDER OMB CONTROL NO 0684-0021, 0684-0093	U.S. DEPARTMENT OF COMMERCE BUREAU OF INDUSTRY AND SECURITY <small>Information furnished hereon is subject to the provisions of Section 12(c) of the Export Administration Act of 1979, as amended, 50 U.S.C. app 2411(c) and its implementing disclosure is prohibited by law.</small>	DATE RECEIVED (Leave Blank)
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STATEMENT BY ULTIMATE CONSIGNEE AND PURCHASER

1. ULTIMATE CONSIGNEE: NORTHWEST ZIRCOCLADDING CO., LTD	CITY: BAOJI
ADDRESS LINE 1: NO. 1 TAICHENG ROAD, BAOJI	COUNTRY: P.R. CHINA
ADDRESS LINE 2:	POSTAL CODE: 721014
	TELEPHONE OR FAX: 86-917-3373888

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. 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. Will be processed or incorporated by us into the following product (s) Zr-4 TREX to be manufactured in the country named in Block 1 for distribution in CHINA.

C. Will be sold 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. Will be reexported by us in the form in which received to _____.

E. Other (describe fully) _____.

NOTE: If 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 production of Zr for nuclear application

B. Our business relationship with the U.S. exporter is the buyer and the seller.

and we have had this business relationship for _____ year(s)

4. ADDITIONAL INFORMATION: The productions of Zr are manufactured in NWZ and supplied to 170th nuclear fuel element plant and destination to Qinshan nuclear power plant.

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 occurs after the statement has been prepared and forwarded, except as specifically authorized by the U.S. Export Administration Regulations (15 CFR parts 730-744), or by prior written approval of the Bureau of Industry and Security, we will not reexport, resell, or otherwise dispose of any items approved on a license supported by this statement (1) to any country not approved for export or 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 same contrary to the representations made in this statement or contrary to Export Administration Regulations.

6. SIGNATURE OF OFFICIAL OF ULTIMATE CONSIGNEE	7. NAME OF PURCHASER: <u>Northwest Zirconcladding Co., Ltd</u>
NAME OF OFFICIAL: <u>[Signature]</u>	SIGNATURE OF PURCHASER: <u>[Signature]</u>
TITLE OF OFFICIAL: <u>Executive Marketing Dept</u>	NAME OF OFFICIAL: <u>Yuanqai huan</u>
DATE (mm/dd/yyyy): <u>05/12/2008</u>	TITLE OF OFFICIAL: <u>General manager</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).	DATE (mm/dd/yyyy): <u>05/12/2008</u>
8. NAME OF EXPORTER	SIGNATURE OF PERSON AUTHORIZED TO CERTIFY FOR EXPORTER
NAME OF PERSON SIGNING THIS DOCUMENT	TITLE OF PERSON SIGNING THIS DOCUMENT
	DATE (mm/dd/yyyy)

I acknowledge that the making of any false statements or concealment of any material fact in connection with this statement may result in imprisonment or, or both and denial, in whole or in part, of participation in U.S. exports and reexports

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 and maintaining 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 this burden, to the Director of Administration, Room 9006, Bureau of Industry and Security, U.S. Department of Commerce, Washington, DC 20503, and to the Office of Management and Budget, Paperwork Reduction Project (0684-0021), (0684-0093), Washington, DC 20503. Notwithstanding any other provision of law, no person is obligated to respond to this form unless the person is subject to a penalty for failure to comply with a collection of information subject to the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number.

X com 1199

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:

YiBin NUCLEAR FUEL ELEMENT PLANT

Yingbin Road, YiBin, SiChuan P.R. China

Typed or Printed Name of Company Official Cui Xihu

Signature of Company Official [Handwritten Signature]

Title: Material and equipment Dept. Manager

Date 05/12/2008

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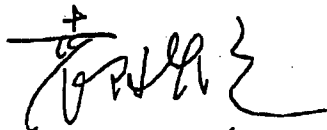
End-user and End-use Statement

US Wah Chang

Base on the contract of Zirconium Product signed by and between Wah Chang and Northwest Zircocladding Co., Ltd. we hereby state as follow:

- 1) The end-user of Zirconium-4 TREX is Northwest Zircocladding Co., Ltd., located in Baoji Shanxi, P. R. China.
- 2) The end-use of Zirconium-4 TREX is used to fabricate fuel bundles for Qinshan Nuclear Power Station-Phase 1.
- 3) Northwest Zircocladding Co., Ltd. guarantee that Zirconium-4 TREX shall not be re-exported from China either in its present form or after being commingled or incorporated into another project.

Buyer: Northwest Zircocladding Co., Ltd.



Date: 05/15/2008