


NRC FORM 7 (02-2016) 10 CFR 110		U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 11/30/2018	
 <p align="center">APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (See Instructions on Pages 4 and 5)</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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by 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	
LICENSE NUMBER XR177		DOCKET NUMBER 11506121		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS (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 Curtiss-Wright Electro-Mechanical Corp. 1000 Wright Way Cheswick, PA 15024			1a. NAME OF APPLICANT'S CONTACT Carol Fischer		1b. APPLICANT'S REFERENCE NUMBER U614 amendment		
			1c. PHONE NUMBER (724) 275-5734		1d. FAX NUMBER (724) 275-5038		
			1e. E-MAIL ADDRESS cfischer@curtisswright.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input checked="" type="checkbox"/> AMENDMENT/RENEWAL Current License Number: XR-177		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 1/1/2018		5. LAST SHIPMENT DATE 9/1/2025		6. PROPOSED EXPIRATION DATE 12/31/2030	
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 See Page 3			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) See Page 4			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) See Page 4	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED See Page 3			8a. INTERMEDIATE USE(S) See Page 4			9a. ULTIMATE END USE(S) See Page 4	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Nuclear reactor components (10 CFR Part 110, Appendix A items 4-11) for installation into pressurized water reactors at the Sanmen, Haiyang, Lufeng, and Xudapu nuclear power plants. (Continued on Page 4)				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		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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**APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

LICENSE NUMBER XR177	DOCKET NUMBER 11006121	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)
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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)
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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, RENEWALS OR CONSENT REQUEST(S)

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 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 Carol G. Fischer Corporate Trade Compliance Specialist	18b. SIGNATURE - AUTHORIZED OFFICIAL <i>Carol G. Fischer</i>	18c. DATE 9/9/2016
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APPLICATION FOR NRC EXPORT OR IMPORT
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LICENSE NUMBER XB177	DOCKET NUMBER 11006121	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 7 / 7a: Suppliers and/or Other Parties to the Export / Functions

1. SBW Electro-Mechanics Import & Export Corporation
No. 16A Development Road
Economic & Technical Development Zone
Shenyang, China
(Import/export agent)
2. State Nuclear Power Engineering Corporation Ltd.
Building No. 2, No. 888 Tianlin Road
Shanghai 200233, China
(Purchasing agent)
3. Curtiss-Wright Corporation
13925 Ballantyne Corporate Place
Charlotte, NC 28277
(supplier of materials, parts and subassemblies)
4. Enertech, a business unit of Curtiss-Wright Flow Control Corporation
2950 Birch Street
Brea, CA 92821
(supplier of materials, parts and sub-assemblies)
5. Scientech, a business unit of Curtiss-Wright Flow Control Service Corp.
1350 Whitewater Drive
Idaho Falls, ID 83402
(supplier of materials, parts and sub-assemblies)
6. Nova Machine Products
18001 Sheldon Road
Middleburg Heights, OH 44130
(supplier of materials, parts and sub-assemblies)
7. QualTech NP, a business unit of Curtiss-Wright Flow Control Service Corp.
4600 East Tech Drive
Cincinnati, OH 45245
(Supplier of materials, parts and subassemblies)

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

LICENSE NUMBER XB177	DOCKET NUMBER 11000121	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 / 8a: Intermediate Consignees/Intermediate Uses

1. Shenyang Blower Works Nuclear Pump Company, Ltd.

No. 16A Development Road
Economic & Technical Development Zone
Shenyang, China
(prime contractor for delivery and installation)

2. Harbin Electric Power Equipment Company Ltd.

No. 6 Hanan Third Road
Hanan Industry New City Hexin District
Harbin, Heilongjiang 150066, China
(prime contractor for delivery and installation)

BLOCK 9 / 9a: Ultimate foreign consignees

1. Sanmen Nuclear Power Plant (Units 3&4)

Sanmen Nuclear Power Company Ltd
Sanmen County
Zhejiang Province 314300, China
(installation into Sanmen NPP)

2. Haiyang Nuclear Power Plant (Units 3&4)

Shandong Nuclear Power Company, Ltd.
Shandong Province 265116, China
(installation into Haiyang NPP)

3. Lufeng Nuclear Power Plant

CGN Lufeng Nuclear Power Company Ltd.
Haining Road
Shanwei City
Guangdong Province 516600, China
(installation into Lufeng NPP)

4. Xudapu Nuclear Power Plant

CNNC Liaoning Nuclear Power Company Ltd.
Wenxin Bldg No. 114 South
Xinghai Road
Xingcheng City
Liaoning Province 125100, China
(installation into Xudapu NPP)

BLOCK 10 (con't):

Equipment includes Appendix A paragraph 4 reactor coolant pumps, and Appendix A paragraph 11 items such as steam generator nozzle dams, valves, test fixtures and other miscellaneous components necessary for the operation of a nuclear reactor. Total value

Deputy Director, Office of International Programs
Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland,

September 13, 2016

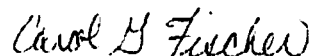
Amendment to application of XR-177

Dear Deputy Director:

Curtiss-Wright Electro-Mechanical corporation submitted an application to transfer nuclear equipment to China in 2013. The application was assigned the number XR177 although the license was never issued. Attached is an amendment to that application. The changes represent changes that were ultimately agreed upon in our final contract with the Chinese entities.

Please contact the undersigned should there be any questions regarding this request.

Sincerely,



Carol G. Fischer
Corporate Trade Compliance Specialist
Curtiss-Wright Corporation
1000 Wright Way
Cheswick, PA 15024
724-275-5734
cfischer@curtisswright.com

SEP 22 2016 Rec'd of