

NRC FORM 7 (8-2007) 10 CFR 110	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0027 EXPIRES: 06/30/2009 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 InfoCollect@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.
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Page 5)		

PART A. FOR NRC USE ONLY	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED 5/15/08 - original 12/11/08 - supplemental
LICENSE NUMBER XR 172	DOCKET NUMBER 11005752	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 Curtiss-Wright Electro-Mechanical Corp. 1000 Cheswick Avenue Cheswick, PA 15024	1a. NAME OF APPLICANT'S CONTACT Raymond R. Wojszynski	1b. APPLICANT'S REFERENCE NUMBER U597-1	1c. PHONE NUMBER (724) 275-5145	1d. FAX NUMBER (724) 275-5224
1e. E-MAIL ADDRESS raymond.wojszynski@emd.curtisswright.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) N/A	4. FIRST SHIPMENT DATE 07/15/2008	5. LAST SHIPMENT DATE 10/31/2013	6. PROPOSED EXPIRATION DATE 07/23/2015	

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 N/A	8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) See page 3.	9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) See page 4.	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED N/A	8a. INTERMEDIATE USE(S) See page 3	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 N/A	10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) N/A	10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A Rec'd 5-15-08

11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

* Pages 6 and 7 added on 12/11/08

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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XR 172	DOCKET NUMBER 11005752	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) <i>(if applicable)</i>	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) <i>Rec'd 5-15-08</i>

18. 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 Raymond R Wojszynski Principal Buyer Export Compliance officer	18b. SIGNATURE - AUTHORIZED OFFICIAL <i>Raymond R Wojszynski</i>	18c. DATE 05/14/2008
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Block 8.

**SBW Electro-Mechanics Import and Export Corporation
No 16, Development Blvd.
Economic & Technical Development Zone
Shenyang, 110142, China**

**Shenyang Blower Works (Group)
No 16 Kaifa Road
Economic and Technology Zone
Shenyang, 110142 China**

**Harbin Electric Machinery Company, Ltd.
No 99 Sanddong Li Rd.
Dongli District
Harbin, 150040 China**

**Shanghai Electric Nuclear Power Equipment Company Ltd.
No. 250 Huaning Road
Minghang District
Shanghai, 200245 China**

**Doosan Heavy Industries and Construction
555 Guigok-dong Changwon
Gyeongsangnam-do 641-792
South Korea**

Block 8a.

The exports would include such things as raw materials in the form of plate, bar, sheet, pipe, castings, forgings etc.; and parts and components such as impellers, seal rings, pump casings etc., and possibly one reactor primary coolant pump.

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Curtiss-Wright Electro-Mechanical Corporation reference number U597-1

Block 8a (continued)

The intermediate consignees will process most of these materials into finished parts, components, sub assemblies and assemblies, export them back to Curtiss-Wright in the US for incorporation by Curtiss-Wright Electro-Mechanical Corporation into the reactor primary coolant pumps for subsequent export to China under Westinghouse Electric Company NRC license number XR 169 (AP 1000 design). This processing in China is part of the localization of manufacture required of Curtiss-Wright Electro-Mechanical Corporation by contract. Some of these parts or components may also ship direct to the ultimate consignees.

Doosan Heavy Industries and Construction would only receive some of the reactor primary coolant pump casing castings (Appendix A, paragraph 9) for processing and eventual shipment to the ultimate consignees in China.

Additionally, one reactor primary coolant pump, or major subassemblies of a pump, manufactured by Curtiss-Wright Electro-Mechanical Corporation, may be exported to Shenyang Blower Works (Group) for temporary use in their reactor primary coolant pump test facility for the AP 1000 project. This pump or the major subassemblies would eventually then ship directly to one of the ultimate consignees in China.

Block 9.

Sanmen Nuclear Power Plant
Sanmen county, Zhejiang Province
314300 China

Haiyang Nuclear Power Plant
Haiyang, 265116,
Shandong province, China

Shenyang Blower Works (Group)
No 16 Kaifa Road
Economic and Technology Zone
Shenyang, 110142 China

Block 9a. Construction, maintenance and operation of 4 pressurized water reactors of 1000 MWe class (rated from 900 to 1500 MWe).

For Shenyang Blower works (Group), one pump casing will be used as a permanent part of their reactor primary coolant pump test facility for the AP 1000 project. This facility is not a reactor or power generating facility.

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Additional information

The estimated total value of the exports under this license is [REDACTED]
Note that this value is included in the value of Westinghouse Electric Company NRC license XR 169 (AP 1000 design), it is not additional equipment for export or additional value.

This export license is per 10 CFR part 110 Appendix A paragraphs 4 and 9, for reactor primary coolant pumps, and for various raw materials, parts, components and associated equipment for reactor primary coolant pumps to be manufactured by Curtiss-Wright Electro-Mechanical Corporation and ultimately exported to the People's Republic of China under Westinghouse Electric Company NRC license number XR 169.

The exports will mainly be made by Curtiss-Wright Electro-Mechanical Corporation, but much of these materials will be sold to Curtiss-Wright Electro-Mechanical Corporation by our suppliers, who will not otherwise be parties to the exports.

The nuclear technology involved in this project was approved by the Department of Energy under 10CFR Part 810 Authorization number CH 2005-001 on August 15, 2005.

Shenyang Blower Works Group and Harbin Electric Machinery are both DOE approved entities.

SBW Electro-Mechanics Import and Export Corporation is an entity recently established by Shenyang Blower Works (Group) within China to handle currency transactions in US dollars and receive purchase orders from Curtiss-Wright Electro-Mechanical Corporation for reactor primary coolant pumps, subassemblies, parts or components thereof. DOE approval of SBW Electro-Mechanics Import and Export Corporation is presently pending. DOE approval has also been requested of Shanghai Electric Nuclear Power Equipment Company Ltd.

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BLOCK 7, OTHER PARTIES TO EXPORT					BLOCK 7A, FUNCTION PERFORMED, SERVICES PROVIDED.
COMPANY					SUPPLY OF THE FOLLOWING:
AERO INDUSTRIES OF THE SPACE COAST INC	7065 CHALLENGER AVENUE	TITUSVILLE	FL	32783	Materials, parts, or sub assemblies
ARCOS INDUSTRIES, LLC	ONE ARCOS DRIVE	MT CARMEL	PA	17851	Materials, parts, or sub assemblies
ASSOCIATED CERAMICS AND TECHNOLOGY INC	400 NORTH PIKE ROAD	SARVER	PA	16055	Materials, parts, or sub assemblies
ATI FIRTH STERLING	1297 COUNTY LINE ROAD	MADISON	US	35756	Materials, parts, or sub assemblies
BENDTEC INC.	366 GARFIELD AVENUE	DULUTH	MN	55802	Pump test facility materials, components, or instruments
BRINKMAN TOOL & DIE, INC	325 KISER STREET	DAYTON	OH	45404	Special assembly tools
CCI THERMAL TECHNOLOGIES	1420 WEST MAIN STREET	GREENSBURG	IN	47240	Pump test facility materials, components, or instruments
CONSOLIDATED POWER SUPPLY	3556 MARY TAYLOR ROAD	BIRMINGHAM	AL	35235	Materials, parts, or sub assemblies
CONTROL COMPONENTS INC	22591 AVENIDA EMPRESA	RANCHO SANTA MARGA	CA	92688	Pump test facility materials, components, or instruments
CORRY FORGE	441 EAST MAIN ST	CORRY	PA	16407	Materials, parts, or sub assemblies
CORUS AMERICA INC	475 N MARTINGALE ROAD	SCHAUMBURG	IL	60173	Materials, parts, or sub assemblies
COULTER FORGE TECHNOLOGY	1494 67TH STREET	EMERYVILLE	CA	94662	Materials, parts, or sub assemblies
CRANE ENVIRONMENTAL INC	2650 EISENHOUR AVENUE	TROOPER	PA	19403	Pump test facility materials, components, or instruments
CRUCIBLE COMPACTION METALS	1001 ROBB HILL ROAD	OAKDALE	PA	15071	Material processing
CURBELL INDUSTRIAL PLASTICS	250 WEST KENSINGER DRIVE	CRANBERRY	PA	16066	Materials, parts, or sub assemblies
CUSTOM MATERIALS INC	16865 PARK CIRCLE DRIVE	CHAGRIN FALLS	OH	44022	Materials, parts, or sub assemblies
DUBOSE NATIONAL ENERGY	900 INDUSTRIAL DRIVE	CLINTON	NC	28328	Materials, parts, or sub assemblies
EDGAR INDUSTRIES	931 MERWIN ROAD	NEW KENSINGTON	PA	15068	Special assembly tools
EIS	13311 ENTERPRISE AVENUE	CLEVELAND	PA	44135	Materials, parts, or sub assemblies
ELECTRIC MATERIALS CO	50 S. WASHINGTON ST.	NORTH EAST	PA	16428	Materials, parts, or sub assemblies
ELECTROLOCK INC	17930 GREAT LAKES PARKWAY	HIRAM	OH	44234	Materials, parts, or sub assemblies
EMR INC	3892 PLATT SPRINGS ROAD	WEST COLUMBIA	US	29169	Materials, parts, or sub assemblies
EVERSON TESLA INC	615 DANIELS ROAD	NAZARETH	PA	18064	Materials, parts, or sub assemblies
F B WRIGHT CO	98 VANADIUM ROAD	BRIDGEVILLE	PA	15017	Materials, parts, or sub assemblies
FASTENERS UNLIMITED	2150 WOODLAND ROAD	WARRENDALE	PA	15086	Materials, parts, or sub assemblies
FLEXITALLIC INC	6915 HIGHWAY 225	DEER PARK	IL	77536	Materials, parts, or sub assemblies
FLUIDIC TECHNIQUES DIVISION OF FTI	1213 ANTLERS DRIVE	MANSFIELD	TX	76063	Pump test facility materials, components, or instruments
F-SQUARED INC	319 FOURTH AVENUE	TARENTUM	PA	15084	Expanding mandrel tool
GEROME TECHNOLOGIES INC	57-85 BROADWAY	MENANDS	NY	12204	Materials, parts, or sub assemblies
GRAHAM CORPORATION	20 FLORENCE AVENUE	BATAVIA	NY	14020	Pump test facility materials, components, or instruments
HAYNES INTERNATIONAL INCORPORATED	1020 W. PARK AVE.	KOKOMO	IN	46901	Materials, parts, or sub assemblies
HAYWARD TYLER INC.	480 ROOSEVELT HIGHWAY	COLCHESTER	VT	5446	Pump test facility materials, components, or instruments
HERR-VOSS STAMCO	130 MAIN STREET	CALLERY	PA	16024	Precision shear equipment
HOLAN INC	1048 SANDY HILL RD	IRWIN	PA	15642	Materials, parts, or sub assemblies
HOLTEC INTERNATIONAL	555 LINCOLN DRIVE WEST	MARLTON	US	08053	Materials, parts, or sub assemblies
IMPREX INC	3260 SOUTH 108TH STREET	MILWAUKEE	WI	53227	Electrical insulation facility
INSULATOR SEAL	6460 PARKLAND DRIVE	SARASOTA	FL	34243	Materials, parts, or sub assemblies
J A DESIGN INC	2438 ROUTE 819	GREENSBURG	PA	15601	Special assembly tools
JMA MARINE & INDUSTRIAL ENGINEERING	1789 SOUTH BRADDOCK AVENUE	PITTSBURGH	PA	15218	Special assembly tools
JORGENSEN FORGE CORPORATION	8531 E. MARGINAL WAY SOUTH	SEATTLE	WA	98108	Materials, parts, or sub assemblies
KAIER ENGINEERING INC	106 COMMERCE BLVD	LAWRENCE	US	15055	Special assembly tools
KINGSBURY INCORPORATED	10385 DRUMMOND ROAD	PHILADELPHIA	PA	19154	Materials, parts, or sub assemblies
LANCO ELECTRIC INC.	300 CANAL STREET	LEECHBURG	PA	15656	Pump test facility materials, components, or instruments
METALTEK INTERNATIONAL	905 E. ST. PAUL AVE.	WAUKESHA	WI	53188	Materials, parts, or sub assemblies
MINCO PRODUCTS INC	7300 COMMERCE LANE	MINNEAPOLIS	MN	55432	Materials, parts, or sub assemblies
NOVA MACHINE PRODUCTS CO	18001 SHELDON ROAD	MIDDLEBURG HEIGHTS	OH	44130	Materials, parts, or sub assemblies
NUCLEAR ALLOYS CORP	4643 IDE ROAD	WILSON	NY	14172	Materials, parts, or sub assemblies

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BLOCK 7, OTHER PARTIES TO EXPORT					BLOCK 7A, FUNCTION PERFORMED, SERVICES PROVIDED.	
COMPANY					SUPPLY OF THE FOLLOWING:	
PENN STATE TOOL & DIE CORP	7590 ROUTE 30	N. HUNTINGDON	PA	15642	Materials, parts, or sub assemblies	
PRL INDUSTRIES	64 REXMONT ROAD	CORNWALL	PA	17016	Materials, parts, or sub assemblies	
R L HOLLIDAY	525 MCNEILLY RD	PITTSBURGH	PA	15226	Non destructive test equip.	
RIVERHAWK COMPANY	215 CLINTON ROAD	NEW HARTFORD	US	13413	Special assembly tools	
SCOT FORGE	8001 WINN ROAD	SPRING GROVE	IL	60081	Materials, parts, or sub assemblies	
SKOVIRA TOOL	146 CATALINA FARM ROAD	SCOTTDALE	PA	15683	Materials, parts, or sub assemblies	
SPERANZA SPECIALTY MACHINING	2226 BOYD ROAD, R.D. NO. 4	EXPORT	PA	15632	Special assembly tools	
STARWIN INDUSTRIES	3387 WOODMAN DRIVE	DAYTON	OH	45429	Materials, parts, or sub assemblies	
TIOGA PIPE SUPPLY CO INC	2450 WHEATSHEAF LANE	PHILADELPHIA	PA	19137	Materials, parts, or sub assemblies	
TRACTION MOTOR SERVICE	9933 BROADWAY AVENUE	IRWIN	PA	15642	Materials, parts, or sub assemblies	
TRITON MANUFACTURING CO	5700 TRITON WAY	MONEE	IL	60449	Materials, parts, or sub assemblies	
TRUE POSITION INC	3919 CHESSROWN AVENUE	GIBSONIA	PA	15044	Materials, parts, or sub assemblies	
VON ROLL USA INC	200 VON ROLL DRIVE	SCHENECTADY	NY	12306	Materials, parts, or sub assemblies	
WALDEMAR DESIGN AND MACHINE	1797 MATHERLY ROAD	LIBERTY	KY	42539	Can fabrication equipment	
WELDALOY PRODUCTS COMPANY	11551 STEPHENS DRIVE	WARREN	MI	48090	Materials, parts, or sub assemblies	
WEST PENN LACO INC	331 OHIO STREET	PITTSBURGH	PA	15208	Special assembly tools	
WILLIAMS WELDING ALLOYS	1501 REEDSDALE ST	PITTSBURGH	PA	15233	Materials, parts, or sub assemblies	
WOLLASTON ALLOYS INC	205 WOOD ROAD	BRAINTREE	MA	02184	Materials, parts, or sub assemblies	

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