

NRC FORM 7 (8-2011) 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, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>				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 Information 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 8-21-12			
LICENSE NUMBER X10m1263		DOCKET NUMBER 11006042		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 ENERTECH, a business unit of Curtiss-Wright Flow Control Corporation 2950 Birch Street Brea, CA 92627		1a. NAME OF APPLICANT'S CONTACT Tom Christian		1b. APPLICANT'S REFERENCE NUMBER 960061			
		1c. PHONE NUMBER (714) 982-1965		1d. FAX NUMBER (714) 982-1967			
		1e. E-MAIL ADDRESS tchristian@curtisswright.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 Current License Number:		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S) 12PE035NF0		4. FIRST SHIPMENT DATE 12/20/2012		5. LAST SHIPMENT DATE 03/31/2013		6. PROPOSED EXPIRATION DATE 12/31/2015	
PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, RENEWALS OR CONSENTS (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)		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) See Page 3			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S) See Page 3			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT See Page 3		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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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER <i>XCom</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 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) <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)
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 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 Tom Christian Manager - Strategic Projects	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 08/20/12
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U.S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XCOM1253	DOCKET NUMBER 11006042	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 9: Ultimate Foreign Consignees

1. Sanmen NPP Unit 2 Project
CNNC Sanmen Nuclear Power Company, Ltd. (Owner)
Sanmen, Zhejiang Province,
317112 PR China

2. Haiyang NPP Unit 2 Project
Shandong Nuclear Power Company (Owner)
Haiyang, Shandong Province,
265116 PR China

State Nuclear Power Automation System Engineering Company (Purchasing agent for above Plant locations & Owner)
No. 7 Cangwu Road,
Shanghai,
200233 PR China

Block 9a Ultimate End Uses

Non-Class 1E Thermal Dispersion Switches for limit switching, flow and level applications. The specific applications that these instruments will be used for are as follows: Passive Core Cooling Water Storage Tank Valve Leakage Level Detection, Containment Make-up Tank High Level Detection, Passive Residual Heat Removal Heat Exchanger High Level Detection and In-Containment Refueling Water Storage Tank High Level Detection.

Block 10 Description of Equipment, total dollar value of equipment

Qty (68), Non-Class 1E Thermal Dispersion Switches, ASME Section III, 316L Stainless Steel wetted material with integral electronics. +/- .025 inch level accuracy. Design pressures: 50psig, 2485psig. Temperature ratings: 150F, 650F. Flange Ratings: Class 150, Class 2500. The estimated value of the exports under this license is

This export license is per 10CFR Part 110 Appendix A paragraph 9 for Non-Class 1E Thermal Dispersion Switches to be installed inside the containment building to be manufactured by Enertech, a business unit of Curtiss-Wright Flow Control Corporation, and ultimately exported to the People's Republic of China at the ultimate consignee facilities listed in Block 9 above.

Per
AUG 21 2012
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August 20, 2012

Mr. Mark Shaffer
Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Subject: NRC Form 7 License Application for AP1000 projects in the People's Republic of China

Enertech Reference: 960061

Dear Mr. Shaffer,

Enertech, a business unit of Curtiss-Wright Flow Control Company, hereby submits an application for license and application fee of \$9,600.00 for export of thermal dispersion switches to the People's Republic of China ("PRC"), pursuant to 10CFR110, Appendix A, paragraph 9.

If any additional information is required to process this application, or if there are any questions, please contact the undersigned.

Sincerely,

08/20/12

Tom Christian
Manager – Strategic Projects
O: (714) 982-1965
F: (714) 982-1967
M: (949) 939-7870
tchristian@curtisswright.com

Mark
Aug 21/2012
JMS