

NRC FORM 7 (11-2012) 10 CFR 110		U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: (11/30/2015)	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (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 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			
LICENSE NUMBER XCOM1304		DOCKET NUMBER 11004231		APR 13 2016 SF			
ADAMS ACCESSION NUMBER							
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> (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		1b. APPLICANT'S REFERENCE NUMBER			
AREVA Inc. 7207 IBM Drive, Mail Code CLT-2F Charlotte, NC 28262		HERBERT M. WINEGARD		AREVA-16-0349			
		1c. PHONE NUMBER		1d. FAX NUMBER			
		(704) 805-2186		(704) 805-2250			
		1e. E-MAIL ADDRESS					
		herb.winegard@areva.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)		4. FIRST SHIPMENT DATE		5. LAST SHIPMENT DATE		6. PROPOSED EXPIRATION DATE	
		09/01/2016		12/31/2018		08/31/2026	
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> (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)			
AREVA Inc. 1724 Mount Athos Road Lynchburg, VA 24504 USA  Ronald LeGrand (704) 805-2304 ronald.legrand@areva.com		AREVA (Beijing) Consulting Co., Ltd (See Page 3 of 3)  China Nuclear Power Technology Research Institute Co., Ltd (See Page 3 of 3)		China Nuclear Power Engineering Co., Ltd (See Page 3 of 3)  Fangchenggang NPP (Guangxi Fangchenggang Nuclear Power Co., Ltd) (See Page 3 of 3)			
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED		8a. INTERMEDIATE USE(S)		9a. ULTIMATE END USE(S)			
See Page 3 of 3		See Page 3 of 3		See Page 3 of 3			
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT		10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)		10b. MAX ENRICHMENT OR WGT %		10c. MAX ISOTOPE WGT (KG)	
Reactor In-Core Detector Assemblies (ICDA's) and Reactor Internal Thermocouples (TC's). The TC is within the ICDA.  Estimated equipment quantity is multiple sets of 25 ICDA's. The equipment is estimated at a potential total value up to US \$		N/A		N/A		N/A	
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							
N/A							

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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 <b>XCOM1304</b>	DOCKET NUMBER <b>11006231</b>	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, 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	
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 AREVA Inc. Herbert M. Winegard Export Control Officer	18b. SIGNATURE - AUTHORIZED OFFICIAL <i>Herbert M. Winegard</i>	18c. DATE 3/2/16

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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 XCOM1304	DOCKET NUMBER 11000231	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)

7a. AREVA Inc will design, procure, fabricate and test Reactor In-Core Detector Assemblies (ICDA's) and Reactor Internal Thermocouple (TC's).

8a. AREVA's Beijing Office will act as the intermediate between AREVA Inc and any Chinese clients. They will coordinate foreign consignment, shipping, receiving and distribution within China for local clients. Their contact information is as follows:

AREVA (Beijing) Consulting Co., Ltd  
Suite 601, Beijing International Club Office Building  
21 Jianguomenwai Avenue, Chaoyang District, Beijing 100020, China.  
Attention: Li Weiwei (Mrs.), Tel: +86 10 85316418, Cell Phone: +86 13910511204, Email: weiwei.li@areva.com.

AREVA Inc.'s client in China will be the China Nuclear Power Technology Research Institute (CNPRI). Their contact information is as follows:

China Nuclear Power Technology Research Institute Co., Ltd  
1409, Block A, Jiangsu Building, Yitian Road, Futian District, Shenzhen City, PR China  
Attention: Mr. Zhang Yilin, Cell Phone: +86 18118787801 Email: zhangyilin@cgnpc.com.cn

9a. The China Nuclear Power Technology Research Institute (CNPRI) will transfer the In-core Nuclear Instrument System as the system integrator, to the China Nuclear Power Engineering Company (CNPEC) for plant installation in China for the Fangchenggang NPP Units 3 and 4 project. Their contact information is as follows:

China Nuclear Power Engineering Co., Ltd.  
Attention: Mr. Wang Wei, Cell Phone: +86 Tel+86 755 88 611089 Email: wang.wei@cgnpc.com.cn

Note: CNPRI, CNPEC and Operator of Fangchenggang NPP (Guangxi Fangchenggang Nuclear Power Co., Ltd) are all affiliated to China General Nuclear Power Group (CGN), CGN Mansion, 2002, Shennan Avenue, Shenzhen 518028, P.R. China. Tel: +86 755 84431555, Fax: +86 755 83699900, webmaster\_cgnpc@cgnpc.com.cn



March 2, 2016

U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Rockville, MD 20852

Attention: Mr. Stanley Freeman

Subject: NRC Form 7

Dear Mr. Freeman:

Enclosed is a request for issuance of an export license authorizing the export of nuclear power plant reactor in-core detector assemblies with reactor internal thermocouples for end-use at the Fangchenggang Nuclear Power Plant, Guangxi, China.

A check for \$9,400.00 is enclosed to cover the cost of the application.

If you have any questions, please contact me at 704-805-2186 (Email: [herb.winegard@areva.com](mailto:herb.winegard@areva.com))

Very truly yours,

A handwritten signature in cursive script that reads "Herbert M. Winegard".

Herbert M. Winegard  
Principal Counsel

Enclosure

APR 1 2016 <sup>Rec'd</sup> <sub>SS</sub>

AREVA INC.