


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) <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 NOV 30 2012 JC			
LICENSE NUMBER XCOM1256		DOCKET NUMBER 11006071		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 Kingsbury, Inc. 10385 Drummond Rd. Philadelphia, PA 19154			1a. NAME OF APPLICANT'S CONTACT Neal Hulse		1b. APPLICANT'S REFERENCE NUMBER AAA0001-NRC		
			1c. PHONE NUMBER (215) 824-4967		1d. FAX NUMBER (215) 824-4004		
			1e. E-MAIL ADDRESS ndh@kingsbury.com				
2. TYPE OF ACTION REQUESTED <i>(Check One)</i> <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) KB12-0285		4. FIRST SHIPMENT DATE 04/12/2013		5. LAST SHIPMENT DATE 09/30/2013		6. PROPOSED EXPIRATION DATE 12/31/2016	
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			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) GE Power Conversion Yantai Xingyuan Xi Road Yantai, Shandong, 265000 PR China			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Shanghai Electric Machinery Co. Ltd. 555, Jiangchuan Road Minhang, Shanghai 200240, PR China Hainan Nuclear Power Co. Ltd. (et al.) Hainan Changjiang Nuclear Power Plant Changjiang County Hainan Province 570125 P.R. China	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED			8a. INTERMEDIATE USE(S) See page 3.			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 Kingsbury is providing two (2) unique bearing assemblies to GE Power Conversion under this contract. Both bearing assemblies are oil-lubricated and enclosed in their own fabricated steel housings. The first bearing assembly, model CV-686/380 Z contains both a thrust bearing and journal bearing, and is located on the top of the motor being supplied by our customer. See page 3 for further descriptions.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) Not Applicable		10b. MAX ENRICHMENT OR WGT % Not Applicable	10c. MAX ISOTOPE WGT (KG) Not Applicable
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 <i>XCOM1256</i>	DOCKET NUMBER <i>11006071</i>	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
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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 Neal Hulse Manager, Engineered Products	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Neal Hulse</i>	18c. DATE <i>Nov. 26, 2012</i>
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*11/30/12**JK*

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APPLICATION FOR NRC EXPORT OR IMPORT
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ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

8a. GE Energy Power Conversion France SAS ("GE France") is the buyer of Kingsbury's bearing assemblies and has a supply agreement with Kingsbury. Kingsbury's contact at GE France is Alexandre Martin-Chenin (ph: 0033 643 44 48 67). GE France will not possess Kingsbury's bearing assemblies because Kingsbury will be shipping the bearing assemblies directly to GE France's affiliate in China, GE Power Conversion ("GE China"). GE China will be perform the assembly and testing of the bearing assemblies, motor and RCP. The bearing assemblies will be shipped directly from the Kingsbury manufacturing facility in Philadelphia, PA to GE China's facility, as identified on sheet #1.

9a. Kingsbury understands that Shanghai Electric Machinery Co. Ltd. is the purchaser of the RCPs that have the motor in which Kingsbury's bearings are located. Kingsbury understands that the bearing assemblies will not be located at this company's listed address, but will shipped from GE China's facility directly to the Hainan Changjiang Nuclear Power Plant site.

Kingsbury understands that the main contractor receiving the completed RCPs at the Hainan Changjiang Nuclear Power Plant site from GE China is an EPC Contractor Consortium consisting of three companies: Hainan Nuclear Power Co. Ltd., China Nuclear Energy Industry Corporation, and China Nuclear Power Engineering Company Ltd. Kingsbury understands from publicly available information that Hainan Nuclear Power Co. Ltd. is co-owned by China Huaneng Group and China National Nuclear Corporation. The completed RCPs will stay in the nuclear power plants for their operational lifetime to provide cooling water to nuclear reactors.

10. The second bearing assembly, model RV-356 Z, contains only an oil-lubricated radial bearing and is located on the bottom of the motor, closest to the RCP. Both of these bearing assembly models are self-lubricated and have a few features that are especially designed for use in RCPs in a nuclear power plant. The completed RCPs are intended for use in the Hainan Changjiang Nuclear Power Plants, which are commercial nuclear power plants consisting of Pressurized Water Reactors. The total quantity of bearing assembly model CV-686/380 Z being shipped under this contract is five (5); and the total quantity of bearing assembly model RV-356 Z being shipped under this contract is also five (5). The total value of the components for export under this license application is approximately [REDACTED]

NOV 30 2012
JC

November 29, 2012

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Mail Stop 04E21
11555 Rockville Pike
Rockville, MD 20352

Re: Application for Specific License to Export Nuclear Reactor Components to China

To whom it may concern:

Kingsbury, Inc. ("Kingsbury") requests a specific license to export from the United States to China bearing assemblies designed for use in Reactor Coolant Pump ("RCP") motors at the Hainan Changjiang Nuclear Power Plant site in Hainan Province, People's Republic of China. Please find enclosed an NRC export license application (Form 7) covering the proposed export.

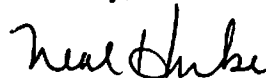
Kingsbury is requesting to ship the bearing assemblies directly to GE Power Conversion, located in Yantai, China, where its bearing assemblies will be installed in RCP motors. From there, the completed RCPs will be shipped to the Hainan Changjiang Nuclear Power Plant site.

Kingsbury is requesting to export two unique types of oil-lubricated bearing assemblies (models CV-686/370 Z and RV-356 Z). Kingsbury has previously provided water-lubricated bearings lacking assemblies to companies in the U.S. who have exported them as completed RCPs to China under separately-issued NRC specific licenses under 10 CFR Part 110. However, because this is the first time that Kingsbury is exporting bearings directly to China, Kingsbury is seeking its own NRC specific license.

Pursuant to 10 C.F.R. § 170.21 and consistent with discussions between Kingsbury's counsel and NRC OIP Staff, a check for \$9,600.00 to cover the NRC application fee is enclosed.

If you have any questions about the license application, or require further information in order to make a decision on this application, please let us know. We can be reached at (215) 824-4967. Thank you for your attention to this matter.

Sincerely,



Neal Hulse
for Kingsbury, Inc.

XCOM 1256
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