


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 JUN 05 2013 JC			
LICENSE NUMBER XW021		DOCKET NUMBER 11006101		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 Eastern Technologies, Inc. (ETI) P.O. Box 409 215 Second Ave. Ashford, AL 36312			1a. NAME OF APPLICANT'S CONTACT Mark Fellows		1b. APPLICANT'S REFERENCE NUMBER		
			1c. PHONE NUMBER 3348994351		1d. FAX NUMBER 3348992310		
			1e. E-MAIL ADDRESS mfellows@orex.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) N/A		4. FIRST SHIPMENT DATE 3rd or 4th quarter, 2013		5. LAST SHIPMENT DATE 12-31-2019		6. PROPOSED EXPIRATION DATE 12-31-2019	
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 Eastern Technologies, Inc. (ETI) 215 Second Ave. Ashford, AL 36312 or Babcock Services, Inc. (BSI) Oak Ridge Service Center East Tennessee Technology Park 2323 Zirconium St. Oak Ridge, TN 37830			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) N/A		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Various nuclear facilities in Canada, including but not limited to: AECL Chalk River Laboratories Bruce Power OPG - Pickering Nuclear OPG - Darlington Nuclear New Brunswick Power - Point Lepreau		
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Dissolving & decon of PVA products			8a. INTERMEDIATE USE(S) N/A		9a. ULTIMATE END USE(S) Storage or final disposal		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT Following dissolution and decontamination of the PVA products, secondary waste will be collected for return to the Canadian generator (customer). Such waste includes process filters and non-soluble components from the PVA products. such as zippers, elastic and hook and loop closure material. The volume is a small fraction of that imported.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) The isotopes will be equivalent to those imported. The activity will equal to or slightly less than that imported. Refer to the application for import.		10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG) N/A
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME) N/A						JUN 05 2013 JC	

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

LICENSE NUMBER <i>XW021</i>	DOCKET NUMBER <i>11006101</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) <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) N/A			

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 Mark Fellows Vice-President	18b. SIGNATURE -- AUTHORIZED OFFICIAL <i>Mark Fellows</i>	18c. DATE <i>6/4/13</i>

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

LICENSE NUMBER XW021	DOCKET NUMBER 11006101	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)

This application for an Export License is submitted concurrently with an application for an Import License for used polyvinyl alcohol (PVA) protective clothing and related products for dissolution and decontamination. This Export License application is for the return of resulting secondary waste to the facility generating the material (customer.)

JUN 05 2013
JC



May 13, 2013

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

IW032
XW021

Re: Applications for Licenses for Import and Export of Radioactive Material

Dear Deputy Director:

Pursuant to 10 CFR Part 110, Paragraph 110.31, I am writing to submit applications for Licenses to Import and Export Radioactive Material. My company, Eastern Technologies, Inc. (ETI), desires to provide dissolvable protective clothing and related products made from polyvinyl alcohol (PVA) and associated dissolving and decontamination services for various nuclear facilities in Canada. Following use, the used, radioactively contaminated dissolvable products would be imported from Canada for processing at either our facility in Ashford, Alabama or at a facility in Oak Ridge, Tennessee owned and operated by Babcock Services, Inc. (BSI). The ETI facility is licensed by the State of Alabama and the BSI facility is licensed by the State of Tennessee. ETI has a business agreement with BSI for operating a processing unit at the BSI facility. Both facilities are specifically licensed for dissolving and decontamination of PVA protective clothing and related products. ETI provides similar processing services to over 60 percent of the U.S. commercial nuclear power plant sites at our Ashford, Alabama facility. Additionally, we have previously applied for and have received a specific license to import radioactive material in the form of used PVA protective clothing from the Laguna Verde Nuclear Power Plant in Mexico (reference NRC License No. IW016). We have also applied for and received a license to export the residual material that remains, following processing, back to the generating facility in Mexico (reference NRC License XW016).

Marketing of our products and services to Canadian nuclear facilities requires that we demonstrate the capability to perform these services, so licenses for import and export of radioactive material are necessary to demonstrate ETI's ability to deliver the services requested.

Completed NRC Form 7's for both the Import and Export Applications are enclosed with this letter. The radioactive materials licenses for the ETI facility in Alabama and the BSI facility in Tennessee are also enclosed with this letter.

I have also enclosed a check in the amount of \$19,200.00 (\$9,600.00 for each application) for payment of the license application fees as required by 10CFR

Eastern Technologies, Inc.

P.O. Box 409 ♦ 215 Second Avenue ♦ Ashford, AL 36312

334-899-4351 ♦ 800-467-0547

www.OREX.com ♦ www.easterntechnologies.com

Part 110, Paragraph 110.31(b) and the fee schedule in 10CFR Part 170, Paragraph 170.31, Category 15.B.

If you have any questions regarding this application or require additional information, please contact Mr. Douglas Kay, our company technical contact for this project, at 817-559-0506. You may also contact me at 334-899-4351 or at the address listed below.

Sincerely,



Mark Fellows
Vice-President
Eastern Technologies, Inc.
P.O. Box 409
Ashford, AL 36312

Enclosures

IW032
XW021