


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)							
PART A. FOR NRC USE ONLY			<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC			DATE RECEIVED <i>Rec'd</i> MAR 16 2015	
LICENSE NUMBER <i>XSOU8830/01</i>			DOCKET NUMBER <i>11056120</i>			ADAMS ACCESSION NUMBER <i>ML15070A330</i>	
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 Cotter Corporation 7800 East Dorado Place Suite 210 Englewood, Colorado 80111			1a. NAME OF APPLICANT'S CONTACT Ken Mushinski		1b. APPLICANT'S REFERENCE NUMBER KJM15-003		
			1c. PHONE NUMBER (858) 455-3275		1d. FAX NUMBER (858) 455-3660		
			1e. E-MAIL ADDRESS Ken.Mushinski@cotterusa.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input checked="" type="checkbox"/> AMENDMENT/RENEWAL Current License Number: XSOU8830		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S) TBD		4. FIRST SHIPMENT DATE 5/30/2016		5. LAST SHIPMENT DATE 5/01/2019		6. PROPOSED EXPIRATION DATE 6/01/2019	
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			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S)			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Dalian V Mineral Co., Ltd ATTN: David W. Jiang and Xiaochum 80 Sec E, Bld A, 28-7, Xinghai Square, Dalian 116021 China	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED			8a. INTERMEDIATE USE(S)			9a. ULTIMATE END USE(S) None; it will be waste - 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 Source material incident to Caldasite ore. Caldasite is a hard rock zirconium ore. The primary constituents of the ore are ZrO ₂ plus HfO ₂ (~61%), SiO (~20%) and an average natural uranium concentration of ~0.25% U ₃ O ₈ and ~0.07% Th.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 34,000KG natural uranium plus 11,200 KG of Th (contained in 16,000,000 KGs of ore).		10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)
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 <i>X5008830/01</i>	DOCKET NUMBER <i>11006120</i>	ADAMS ACCESSION NUMBER <i>ML10075A330</i>	<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)

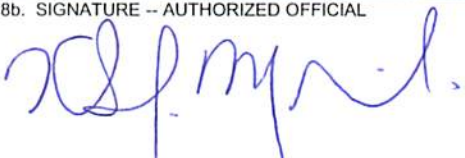
16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)

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 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 Ken Mushinski President, Cotter Corporation (N.S.L.)	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE <i>3/11/2015</i>
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(11-2012)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER X6DU8830/01	DOCKET NUMBER 11007020	ADAMS ACCESSION NUMBER ML0070A320	<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)

NOTE: The following information is not new information; it is being repeated from the initial application:

Item 9a ULTIMATE END USE(S):

There is no end use for the incidental source material being exported. The source material in this export is incidental to the export of ZrO₂. The caldasite ore is being exported for recovery of the contained zirconium; not for the incidental source material. ZrO₂ represents ~61% of the ore by weight and source material constitutes only ~0.32% by weight of the ore (~0.25% uranium plus ~0.07% Thorium). The end use of the recovered zirconium is in various commercial, non-nuclear products; primarily in the paper industry, ceramic glazes, foundry liners, and antiperspirants.



March 13, 2015
KJM15-003

VIA OVERNIGHT DELIVERY

Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, Maryland 20852

Subject: **Application to Amend/Renew License No. XSOU8830 by Extending its Expiration Date**

Cotter Corporation (N.S.L.) (Cotter) possesses NRC Export License No. XSOU8830 authorizing the export of 16,000 tonnes of Caldasite hardrock zirconium ore containing incidental source material (natural uranium and thorium) to China. Unfortunately, Cotter has not yet successfully negotiated a sales agreement and delivery schedule with its potential customer in China, and thus has made no shipments under the subject license. While Cotter is continuing its efforts to consummate such an agreement, License No. XSOU8830 is due to expire on April 30, 2015. Accordingly, Cotter has a need to request an extension to the expiration date of XSOU8830. Toward that end, enclosed is a completed NRC Form 7 Amendment/Renewal request to revise the shipping dates and the proposed expiration date; all other information remains unchanged. Also enclosed with this letter is a check in the amount of \$1,400 to cover the fee associated with this application.

If you should have questions or require additional information, please don't hesitate to contact me at (858) 455-3275 or Ken.Mushinski@cotterusa.com.

Very truly yours,

Ken Mushinski, President
Cotter Corporation (N.S.L.)

Enclosures: 1) NRC Form 7
2) Check No. 239512 for \$1,400