

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](mailto: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.

<b>PART A. FOR NRC USE ONLY</b>	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC	DATE RECEIVED <b>MAR 31 2015</b>
LICENSE NUMBER <b>XSOU8783/03</b>	DOCKET NUMBER <b>11006247</b>	ADAMS ACCESSION NUMBER <b>ML15090A472</b>

**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  Materion Advanced Chemicals, Inc. 407 North 13th Street Milwaukee, WI 53233	1a. NAME OF APPLICANT'S CONTACT Gregory J. Schneider	1b. APPLICANT'S REFERENCE NUMBER XSOU8783-2015amendment
	1c. PHONE NUMBER (414) 289-9800	1d. FAX NUMBER (414) 289-9805
	1e. E-MAIL ADDRESS <a href="mailto:gregory.schneider@materion.com">gregory.schneider@materion.com</a>	
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: XSOU8783) <input type="checkbox"/> CONSENT REQUEST (Parts B, C) (Current License Number: )		
3. CONTRACT NUMBER(S)	4. FIRST SHIPMENT DATE 05/01/2015	5. LAST SHIPMENT DATE 12/31/2024
6. PROPOSED EXPIRATION DATE January 1, 2025		

**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)	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED	8a. INTERMEDIATE USE(S)	9a. ULTIMATE END USE(S)	
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)  Increase from 3,000 kg to 9,000 kg of thorium fluoride	10b. MAX ENRICHMENT OR WGT %	10c. MAX ISOTOPE WGT (KG)  Increase from 2,300 kg to 6,777 kg

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)**

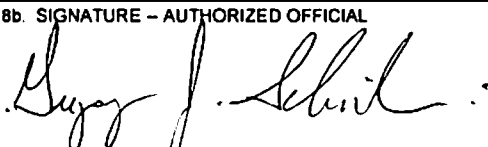
<b>LICENSE NUMBER</b> X5008183/03	<b>DOCKET NUMBER</b> 11005247	<b>ADAMS ACCESSION NUMBER</b> ML15090A4192	<input checked="" type="checkbox"/> <b>PUBLIC</b> OR <input type="checkbox"/> <b>NON-PUBLIC</b>
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**PART D. TO BE COMPLETED FOR IMPORT LICENSES, 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.)

<b>12. NAME(S) / ADDRESS(ES) OF FOREIGN SUPPLIERS AND/OR OTHER PARTIES TO IMPORT</b>	<b>13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)</b>	<b>14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)</b>	
<b>12a. NRC EXPORT LICENSE NUMBER(S) (if applicable)</b>	<b>13a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</b>	<b>14a. LICENSE NUMBER(S) / EXPIRATION DATE(S)</b>	
	<b>13b. INTERMEDIATE USE(S)</b>	<b>14b. ULTIMATE END USE(S)</b>	
<b>15. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES</b>	<b>15a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq)</b>	<b>15b. MAX ENRICHMENT OR WGT %</b>	<b>15c. MAX ISOTOPE WGT (KG)</b>
<b>16. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)</b>			

**PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR CONSENT REQUEST(S)**

<b>17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<b>17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>18. CERTIFICATION:</b> 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.	
<b>18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL</b> Gregory J. Schneider Radiation Safety Officer Value Stream Manager	<b>18b. SIGNATURE -- AUTHORIZED OFFICIAL</b> 
<b>18c. DATE</b> 3/26/15	



ADVANCED CHEMICALS  
407 N 13<sup>th</sup> St., Milwaukee, WI 53233  
414.289.9800 www.materion.com

March 26, 2015

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

Deputy Director or To Whom It May Concern:

I am asking for the included amendment application for license XSOU8783 allowing Materion Advanced Chemicals, Inc. to export Thorium Fluoride to II-VI Singapore Pte, Ltd. to be considered for expedited approval.

We have been recently made aware that the Nuclear Regulatory Commission believes we are over the maximum cumulative total outlined in the above license. We do not believe this to be the case, based on our interpretation of the license and amendment from 2011. We would prefer to resolve the issue by applying for the amendment described in the attached Form 7, which extends the expiration of the license and increases the cumulative amount allowed for Materion to export.

We thank you for your consideration of expediting the approval of the amendment. We would prefer to be approved so that we can resume shipping to our customer by May 1, 2015.

Very truly yours,

G. J. Schneider  
Radiation Safety Officer  
Value Stream Manager