


NRC FORM 7 (01-05-2023) 10 CFR 110		U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 05/31/2025	
		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 FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov , and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0027), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: oir_submission@omb.eop.gov . The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public		Date Received 5/15/2024			
License Number XSOU8867		Docket Number 11006609		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 Materion Advanced Materials 407 N. 13th Street Milwaukee, Wi 53233		1a. Name of Applicant's Contact Andrea Boris		1b. Applicant's Reference Number 769709			
		1c. Office Telephone Number 419-862-4054		1d. Office Facsimile Telephone Number			
		1e. Applicant's Email Address andrea.boris@materion.com					
2. Type of Action Requested		<input checked="" type="checkbox"/> Export (Parts B, C, E)		<input type="checkbox"/> Amendment/Renewal		Current License Number:	
		<input type="checkbox"/> Import (Parts B, D, E)		<input type="checkbox"/> Consent Request (Parts B, C)		Current License Number:	
3. Contract Number(s) 0101122023			4. First Shipment Date 05/01/2024		5. Last Shipment Date 12/31/2025		6. Proposed Expiration Date 12/31/2025
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 U. S. Suppliers and/or other U. S. Parties to the Export Materion Advanced Chemicals 407 N. 13th Street Milwaukee, Wi 53233		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) Copenhagen Atomics A/S Oliefabriksvej 77 DK-2770 Kastруп Denmark			
7a. Function(s) Performed/Service(s) Provided Material supplier		8a. Intermediate Use(s)		9a. Ultimate End Use(s) Thorium Fluoride salts for research and development of molten salt reactor			
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export Thorium nitrate is supplied by Copenhagen Atomics to Materion for fluorination and shipped back to Copenhagen Atomics as thorium fluoride. The thorium fluoride salts will be used for research and development of molten salt reactors. Materion will supply 400 kg of ThF4 powder from Materion's supply of Th(NO3)4 and will then supply 2000 kg of ThF4 powder made from Copenhagen Atomics supply of Th(NO3)4.			10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq)		10b. Max Enrichment or WGT%		10c. Max Isotope WGT (KG)
11. Foreign origin or obligations by country and, if known, by percentage of maximum total volume (leave blank for byproduct licenses)							

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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 Foreign Parties to Import	13. Name(s)/Address(es) of Foreign or U. S. 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. Maximum 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)

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

17. Additional Information provided on pages 3, 4, and/or separate sheets? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	17a. Copies of Recipient's 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 Andrea Boris Export Compliance Manager	18b. Signature -- Authorized Official Andrea R Boris <small>Digitally signed by Andrea R Boris DN: dc=com, dc=beminc, ou=Materion, ou=Tier2, ou=UserAccounts, ou=ELM, cn=Andrea R Boris, email=Andrea.Boris@materion.com Date: 2024.04.25 13:54:25 -04'00'</small>	18c. Date 4/25/2024
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)