

**NRC FORM 7**  
(07-2019)  
10 CFR 110



**U. S. NUCLEAR REGULATORY COMMISSION**

**APPROVED BY OMB: NO. 3150-0027**

**EXPIRES: 02/28/2022**

**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-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by 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.

<b>PART A. FOR NRC USE ONLY</b>		<input checked="checked" type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Non-Public		Date Received <b>12/27/21 JMS</b>	
License Number <b>XCOM1339</b>		Docket Number <b>11006419</b>		Adams Accession Number	
<b>PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS</b> (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  <b>Materion Brush Inc</b> <b>14710 W. Portage River South Road</b> <b>Elmore, Ohio 43416</b>		1a. Name of Applicant's Contact <b>Andrea Boris</b>		1b. Applicant's Reference Number <b>690798</b>	
		1c. Office Telephone Number <b>419-862-4054</b>		1d. Office Facsimile Telephone Number <b>NA</b>	
		1e. Applicant's E-mail Address <b>andrea.boris@materion.com</b>			
2. Type of Action Requested (Check one)		Current License Number:			
<input checked="checked" type="checkbox"/> Export (Parts B, C, E) <input type="checkbox"/> Amendment/Renewal					
<input type="checkbox"/> Import (Parts B, D, E) <input type="checkbox"/> Consent Request (Parts B, C)		Current License Number:			
3. Contract Number(s) <b>PO 4500060553</b>		4. First Shipment Date <b>11/24/2021</b>		5. Last Shipment Date <b>12/16/2021</b>	
				6. Proposed Expiration Date <b>12/31/2023</b>	
<b>PART C. TO BE COMPLETED FOR EXPORT LICENSES, AMENDMENTS, OR RENEWALS</b> (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		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)	
		<b>Materion UK Ltd</b> <b>1 Rae Road, Farnborough</b> <b>GU14 6XE</b>		<b>SCK CEN</b> <b>Belgian Nuclear</b> <b>Research Centre</b> <b>Av. Hermann-Debrouxlaan 40</b> <b>1160 Brussels</b> <b>Belgium</b>	
7a. Function(s) Performed/Service(s) Provided		8a. Intermediate Use(s)		9a. Ultimate End Use(s)	
		<b>Materion Subsidiary</b>		<b>Responsible for BR2 Reactor</b>	
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export		10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq)		10b. Max Enrichment or WGT%	
These components will be used in the SCN CEN BR2 research reactor for research purposes and for the production of medical isotopes. The research to be conducted is the development and qualification of low enriched uranium (LEU) fuels for research reactors. The items are removable for experimental use and will not be a fixed part of the BR2 core. Minor reactor components listed in Appendix A to Part 110 Item 11		<b>NA</b>		<b>NA</b>	
				10c. Max Isotope WGT (KG)	
				<b>NA</b>	
11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume)					
<b>NA</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.)

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 checked="" type="checkbox"/> Yes <input 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  <b>Andrea Boris Export Compliance Admin</b>	18b. Signature -- Authorized Official  <b>Andrea R Boris</b> <small>Digitally signed by Andrea R Boris DN: dc=com, dc=beminc, ou=ELM, ou=Users, cn=Andrea R Boris, email=Andrea.Boris@materion.com Date: 2021.06.10 14:31:00 -0400</small>	18c. Date  <b>6/10/21</b>
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

## Additional Contact for Technical Questions

Block 1a: Josh Seigley

Block 1c: 419-862-4104

Block 1e: joshua.seigley@materion.com

Block 1a: San Seckel

Block 1c: 419-862-4214

Block 1e: san.seckel@materion.com

Block 8: Materion UK Ltd, is who is receiving the order from SCK and passing it to Materion Brush Inc in Elmore, Ohio.

They are our international counterparts who deal with our international customers directly.

Block 10: SCK CEN is a nuclear science research center. They provide public and private research services.

The components are necessary for precise control of the neutron flux in the experiment or production to ensure the requirements of the irradiation conditions are met