

NRC FORM 7
(12-30-2025)
10 CFR 110



U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0027

EXPIRES: 12/31/2028

**APPLICATION FOR NRC EXPORT OR IMPORT
LICENSE, AMENDMENT, RENEWAL,
OR CONSENT REQUEST(S)**
(See Instructions on Pages 4 and 5)

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PART A. FOR NRC USE ONLY		☒ Public OR ☐ Non-Public		Date Received 7/8/2026	
License Number XMAT457		Docket Number 11006680		Adams Accession Number	
PART B. TO BE COMPLETED FOR <u>ALL</u> 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 Mersen USA GS Corp - St. Marys 215 Stackpole St. Saint Marys PA 15857		1a. Name of Applicant's Contact Kiel Nissel		1b. Applicant's Reference Number	
		1c. Office Telephone Number 814-781-8538		1d. Office Facsimile Telephone Number	
		1e. Applicant's Email Address kiel.nissel@i.mersen.com			
2. Type of Action Requested		☒ Export (Parts B, C, E) ☐ Amendment/Renewal ☐ Import (Parts B, D, E) ☐ Consent Request (Parts B, C)			
		Current License Number: _____ Current License Number: _____			
3. Contract Number(s) 7659 V02		4. First Shipment Date 07/15/2026		5. Last Shipment Date 4/30/2027	
				6. Proposed Expiration Date 12/31/2029	
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 Mersen USA GS Corp - St. Marys 215 Stackpole St. Saint Marys PA 15857		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) Mersen Italia Malonno S.R.L Via Forno Allione, 2 25040 Malonno Italy		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) Terra Innovatum S.R.L Via Matteo Trenta 117 55100 Lucca (LU) Italy	
7a. Function(s) Performed/Service(s) Provided Isomolded Graphite block production		8a. Intermediate Use(s) Graphite Block Machining		9a. Ultimate End Use(s) Reactor Assembly- To then be exported and installed in USA	
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export Isomolded graphite material manufactured in USA. The material will be shipped to Italy for machining and reactor assembly. The completed FOAK reactor unit is then shipped back to the United States for installation		10a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq) 176 blocks Approximated weight = 132 Metric Tons		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)

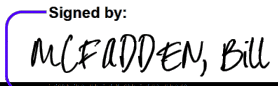
16. Foreign obligations (By country and by Percentage of Maximum Total Volume)

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? ☒ Yes ☐ No	17a. Copies of Recipient's Authorizations Provided? ☐ Yes ☒ 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 MCFADDEN, Bill Director GS US Material Sites	18b. Signature -- Authorized Official Signed by: 	18c. Date 11 June 2026 17:44:46
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

The graphite material will be produced in St. Marys PA (USA) and shipped to Mersen Italia (Italy) for machining in to components. Once machining is complete, the parts will be sent to Terra Innovatum S.R.L to assembly the FOAK nuclear reactor. Once assembled the reactor will then be sent back to the USA for installation.