

NRC FORM 7 (8-2009) 10 CFR 110		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 08/31/2012	
APPLICATION FOR NRC EXPORT/IMPORT LICENSE, AMENDMENT, OR RENEWAL (See Instructions on Page 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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet 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.			
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC		DATE RECEIVED 03/13/19			
LICENSE NUMBER XMAT 448		DOCKET NUMBER 11006349		ADAMS ACCESSION NUMBER			
PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS OR NOTIFICATIONS (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 Cambridge Isotope Laboratories, Inc. 50 Frontage Road, Andover, MA. 01810			1a. NAME OF APPLICANT'S CONTACT Gary Ionta		1b. APPLICANT'S REFERENCE NUMBER		
			1c. PHONE NUMBER (978) 749-8000		1d. FAX NUMBER (978) 749-2768		
			1e. E-MAIL ADDRESS garyi@isotope.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E) <input type="checkbox"/> NOTIFICATION OF EXPORT OF INCIDENTAL RADIOACTIVE MATERIAL (PART C, E) <input type="checkbox"/> IMPORT (Parts B, D, E) <input type="checkbox"/> COMBINED EXPORT/IMPORT (Parts B, C, D, E) <input type="checkbox"/> AMENDMENT/RENEWAL Existing License Number: _____							
3. CONTRACT NUMBER(S)		4. FIRST SHIPMENT DATE 03/01/2019		5. LAST SHIPMENT DATE 03/31/2024		6. PROPOSED EXPIRATION DATE 03/31/2024	
PART C. TO BE COMPLETED FOR EXPORT ONLY OR COMBINED 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 Caambridge Isotope Laboratories Inc. 50 Frontage Road Andover Ma, 01810			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 Supplier/distributors			8a. INTERMEDIATE USE(S) See Page 3		9a. ULTIMATE END USE(S) 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 Non-radioactive, Deuterium gas Deuterium oxide Deuterium compounds				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) 10,000 kg- 90% as Deuterium oxide Remaining 10% as gas and compounds		10b. MAX ENRICHMENT OR WGT % 99.99%	10c. MAX ISOTOPE WGT (KG) N/A Non-radioactive material, non radioactive waste
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

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**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER Xmat448	DOCKET NUMBER 11006349	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
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PART D. TO BE COMPLETED FOR IMPORT ONLY, OR COMBINED 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 CONSIGNEE(S)	
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	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)			

PART E. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, OR RENEWALS

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 checked="" type="checkbox"/> NO	
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 Gary Ionta Export Compliance Officer	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 2/22/19

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**APPLICATION FOR NRC EXPORT/IMPORT
LICENSE, AMENDMENT, OR RENEWAL (Continued)**

LICENSE NUMBER

KMAT448

DOCKET NUMBER

11006349

ADAMS ACCESSION NUMBER



PUBLIC

OR

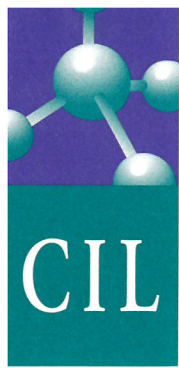


NON-PUBLIC

ADDITIONAL INFORMATION (Reference applicable block numbers from page 1 and/or page 2 for each entry)

NRC 7. Part C. 8a & 9a. - Intermediate and Ultimate end use(s)

Cambridge Isotope Laboratories, Inc. plan to sell the various deuterium compounds to intermediate and ultimate consignees (listed in Part C. 9., C.9a) for further distribution into the India medical, pharmaceutical, chemical and industrial markets. Their customers in India typically use these materials in relatively small quantities, (less than 1 Kg) for scientific research. This type of research may include identification of chemicals in reaction pathways, metabolic studies, or environmental analysis. No material will be used in any activity related to isotope separation, heavy water production, or in the fabrication of nuclear fuel.



Cambridge Isotope Laboratories, Inc.

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FAX: 978.749.2768 WEB: www.isotope.com

February 22, 2019

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

Regarding License application for India

Dear Deputy Director:

Please accept this NRC form 7 for your review which includes two versions of the NRC form 7 application for a specific license for export of deuterium oxide, deuterium gas and deuterium compounds to India. Also included is an affidavit explaining the reasons for an exclusion of information from public view per 10 CFR 2.390.

Due to our ongoing business with India I would also like to request that this application review be expedited so Cambridge Isotope Laboratories can continue with as little interruption as possible.

If you have any questions, please contact me at your convenience.

Sincerely,

Gary J. Ionta
EH&S Officer/Export Compliance Officer
Cambridge Isotope Laboratories Inc.
50 Frontage Road
Andover, MA. 01810
(978) 296-1924
garyi@isotope.com

Attachments:

- 1) 2 copies of the amended form 7
- 2) Check for the balance of license amendment