

March 21, 2012

Mr. Robin DeLaBarre  
Office of Nuclear Energy,  
Safety & Security Affairs, Room 3320 HST  
Bureau of International Security  
& Nonproliferation  
U.S. Department of State  
2201 C Street, NW  
Washington, D.C. 20520

Dear Mr. DeLaBarre:

Enclosed is an application (XMAT419), dated March 12, 2012, received by the U.S. Nuclear Regulatory Commission from Cambridge Isotope Laboratories, Inc. for the export of 10,000 kg of various deuterium compounds to Indian Institute of Science, NMR Research Center in India for distribution into the Indian medical, pharmaceutical, chemical and industrial markets for non-nuclear scientific research. The type of scientific research may include identification of chemicals in reaction pathways, metabolic studies, or environmental analysis.

Before taking action on this request, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the requested export meets the applicable criteria in the Atomic Energy Act of 1954, as amended.

Sincerely,

*/RA/*

Janice E. Owens, Branch Chief  
Export Controls and International Organizations  
Office of International Programs

Enclosure:  
Application Dated 03/12/2012  
XMAT419 – India  
Docket Number 11005993

cc w/enclosure:

S. Aguilar, NRC/NMSS  
R. Goorevich, DOE/NNSA  
J. Norles, DOE/NNSA  
S. Clagett, DOC  
D. McDarby, DTRA

S. Oehlbert, DOE/NNSA  
P. Dessaulles, DOE/NMMSS  
C. Baugues, DHS/CBP  
E. Sauls, DTRA

March 21, 2012

Mr. Robin DeLaBarre  
Office of Nuclear Energy,  
Safety & Security Affairs, Room 3320 HST  
Bureau of International Security  
& Nonproliferation  
U.S. Department of State  
2201 C Street, NW  
Washington, D.C. 20520

Dear Mr. DeLaBarre:

Enclosed is an application (XMAT419), dated March 12, 2012, received by the U.S. Nuclear Regulatory Commission from Cambridge Isotope Laboratories, Inc. for the export of 10,000 kg of various deuterium compounds to Indian Institute of Science, NMR Research Center in India for distribution into the Indian medical, pharmaceutical, chemical and industrial markets for non-nuclear scientific research. The type of scientific research may include identification of chemicals in reaction pathways, metabolic studies, or environmental analysis.

Before taking action on this request, we would appreciate your views, in accordance with established procedures and from the overall perspective of the Executive Branch, as to whether the requested export meets the applicable criteria in the Atomic Energy Act of 1954, as amended.

Sincerely,  
*/RA/*  
Janice E. Owens, Branch Chief  
Export Controls and International Organizations  
Office of International Programs

Enclosure:  
Application Dated 03/12/2012  
XMAT419 – India  
Docket Number 11005993

cc w/enclosure:  
S. Aguilar, NRC/NMSS  
R. Goorevich, DOE/NNSA  
J. Norles, DOE/NNSA  
S. Clagett, DOC  
D. McDarby, DTRA  
S. Oehlbert, DOE/NNSA  
P. Dessaulles, DOE/NMMSS  
C. Baugues, DHS/CBP  
E. Sauls, DTRA

S:\EXPORTS\Exports – Exec Branch\XMAT419 LTR-STATE.docx

Template OIP-004

ADAMS Accession Nos.  
Letter: ML12081A268  
Enclosure: ML12075A220

\*see previous concurrence

■ Publicly Available      □ Non-Publicly Available      □ Sensitive      ■ Non-Sensitive

OFFICE	ECIO/OIP	ECIO/OIP	BC:ECIO/OIP
NAME	JChimood	JVladimir*	JOwens
DATE	3/20/12	3/20/12	3/21/12

OFFICIAL RECORD COPY