



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 26, 2015

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, DC 20520

Dear Mr. DeLaBarre:

Enclosed is an application, dated February 25, 2015, received by the U.S. Nuclear Regulatory Commission (NRC) from Sigma-Aldrich Corp., requesting Amendment to its export license XMAT417. The license presently authorizes the export of 6,000 kilograms of deuterium (in the form of deuterium compounds, deuterium gas, and deuterium oxide) to Sigma-Aldrich (Shanghai) Trading Company, Ltd., in China for distribution into the Chinese medical, pharmaceutical, chemical and industrial markets for non-nuclear scientific research.

The purpose of this amendment is to: 1) add an additional ultimate consignee and 2) change the licensee point of contact.

Since there are no changes to the terms and conditions of the existing licenses being requested, our office is processing this as a minor amendment. Therefore, the NRC intends to issue the license after the required 30-day review period.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brooke G. Smith".

Brooke G. Smith, Chief  
Export Controls and Nonproliferation Branch  
Office of International Programs

Enclosure:  
Application Dated 02/25/15  
XMAT417/03 - China  
Docket Number 11005954

cc: w/enclosure:  
E. Sauls, DTRA  
R. Goorevich, DOE/NNSA  
J. Norles, DOE/NNSA  
S. Clagett, DOC  
O. Toigo, DHS/CBP

H. Lane, NRC/NMSS  
S. Aguilar, NRC/NMSS  
K. Strangis, DOE/NNSA  
P. Dessaulles, DOE/NMMSS