



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

August 4, 2014

Mr. Richard S. Goorevich, Senior Policy Advisor
Office of Nonproliferation and International Security
National Nuclear Security Administration
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, D.C. 20585-1615

Dear Mr. Goorevich:

Enclosed is an application (XMAT429/01), dated July 1, 2014, received by the U.S. Nuclear Regulatory Commission, from Matheson Tri Gas, Inc. requesting an amendment to its existing license, XMAT429. The license presently authorizes the export of 2,400 kilograms of deuterium gas (heavy Hydrogen) to the Republic of Korea (ROK) for a non-nuclear end use in semiconductor devices.

The purpose of the amendment is to: 1) increase the total quantity of deuterium gas from 2,400 kilograms to a new cumulative total of 2,800 kilograms; 2) add one additional entity in the ROK and two entities in Taiwan to the list of "Ultimate Consignee(s) In Foreign Country(ies)"; 3) add one entity in Taiwan to the list of "Intermediate Consignee(s) in Foreign Country(ies)"; and 4) extend the expiration date from December 31, 2016 to December 31, 2018.

Inasmuch as Executive Branch views are not required for exports of deuterium gas to the ROK and Taiwan for a non-nuclear end-use, our office is processing this license amendment application as generic review case and intends to issue the license after the required 30-day review period.

Sincerely,

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

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

Enclosure:
Application Dated 07/01/2014
XMAT429/01 – Republic of Korea,
Taiwan
Docket Number 11006116

cc w/enclosure:
Foreign Obligations, NRC/NMSS
P. Dessaulles, DOE/NMMSS
J. Norles, DOE/NNSA
S. Clagett, DOC

R. DeLaBarre, DOS
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