



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

November 24, 2021

James Warden, Director
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. Warden:

Enclosed is an application (XSNM3826), accepted by the U.S. Nuclear Regulatory Commission on November 17, 2021, from the National Nuclear Security Administration's New Brunswick Laboratory. The application requests to export five Certified Reference Materials (CRMs) for use in nuclear safeguards applications at the International Atomic Energy Agency's (IAEA) laboratory in Seibersdorf, Austria. The five CRMs contain special nuclear material as follows: 0.030 kilograms (kg) plutonium (93% Pu-239), 0.050 kg uranium metal (94% enriched), 1.5 kg uranium oxide (UO₂) fuel pellets (4% enriched), 0.100 kg uranium oxide (U₃O₈) powder (97% enriched), and 0.010 kg plutonium (50% Pu-239).

Consistent with the criterion in 10 CFR 110.41(a)(2), 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. We would also appreciate your assistance in obtaining the necessary assurances from the IAEA. If you have any questions or need additional information, please contact the licensing officer, Barry Miller at Barry.Miller@nrc.gov and cc the licensing assistant, Joanne Savoy at Joanne.Savoy@nrc.gov.

Sincerely,

11/24/2021

X Peter J. Habighorst

Peter J. Habighorst

Signed by: Peter J. Habighorst

Peter J. Habighorst, Chief
Export Controls and Non-Proliferation Branch
Office of International Programs

cc w/enclosures:

J. Warden, DOS
P. Dessaulles, DOE/NMMSS
S. Clagett, DOC
E. Daugharty, DOS

J. Semones, DHS/CBP
R. Bennet, DHS/CBP
E. Sauls, DTRA

M. Chen, DOE/NNSA
J. Norles, DOE/NNSA
R. Brens, DOS