NRC FORM 7 (07-2019) **10 CFR 110**

U. S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S)

(See Instructions on Pages 4 and 5)

APPROVED BY OMB: NO. 3150-0027 **EXPIRES: 02/28/2022**

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 Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by 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	[X] Public OR [ ] Non-Public	Date Received 11/17/2021 JMS
License Number XSNM3826	Docket Number 11006431	Adams Accession Number

PART B. TO BE COMPLETED FOR ALL LICENSES, AMENDMENTS, RENEWALS, OR CONSENT REQUESTS

(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	1a. Name of Applicant's Contact	1b. Applicant's Reference Number
NBL Program Office National Nuclear Security Administration 1 Science.gov Way Oak Ridge, TN 37830	Peter Mason	
	1c. Office Telephone Number 240-780-6842	1d. Office Facsimile Telephone Number
	1e. Applicant's E-mail Address NBLSales@nnsa.doe.gov	

2. Type of Action Requested (Check one)			
	[✓] Export (Parts B, C, E)	[ ] Amendment/Renewal	Current License Number:
	[ ] Import (Parts B, D, E)	[ ] Consent Request (Parts B, C)	Current License Number:

3. Contract Number(s)	4. First Shipment Date	5. Last Shipment Date	6. Proposed Expiration Date
	11/15/2021	11/30/2022	11/15/2026

PART C. TO BE COMPLETED FOR EXPORT 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 U. S. Suppliers and/or other U. S. Parties to the Export	8. Name(s)/Address(es) of Intermediate Foreign Consignee(s)	9. Name(s)/Address(es) of Ultimate Foreign Consignee(s)
1. NBL Program Office US Department of Energy National Nuclear Security Administration 1 Science.gov Way Oak Ridge, TN 37880 2. Triad National Security, LLC 3. Consolidate Nuclear Security See page 3 for addresses		International Atomic Energy Agency Friedensstrasse 1 A-2444 Seibersdorf Austria
7a. Function(s) Performed/Service(s) Provided Packaging and shipping	8a. Intermediate Use(s) NA	9a. Ultimate End Use(s) For use in nuclear safeguards applications by the IAEA

10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export	10a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq)	10b. Max Enrichment or WGT%	10c. Max Isotope WGT (KG)
1. Plutonium (93% Pu-239) metal 2. Uranium (94% U-235) metal 3. Uranium oxide (UO2) fuel pellet, 4% enriched 4. Uranium oxide (U3O8) powders, up to 97% enriched 5. Plutonium isotopic standard (50% Pu-239)	1. 0.030 kg plutonium 2. 0.050 kg uranium metal 3. 1.5 kg UO2 4. 0.100 kg U3O8 5. 0.010 kg Pu	1. 93% Pu-239 metal 2. 94% U-235 metal 3. 4% U-235 as UO2 4. DU to 97% U-235 as U3O8	1. 0.030 kg plutonium 2. 0.050 kg 3. 0.060 kg 4. 0.099 kg 5. 0.005 kg

11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume)
NA

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License Number	Docket Number	Adams Accession Number	
XSNM3826	11006431		[X] Public **OR** [ ] Non-Public

PART D. TO BE COMPLETED FOR IMPORT 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 Foreign Parties to Import	13. Name(s)/Address(es) of Foreign or U. S. Intermediate Consignee(s)	14. Name(s)/Address(es) of Ultimate U. S. Consignee(s)
12a. NRC Export License Number(s) (if applicable)	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. Maximum 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, RENEWALS OR CONSENT REQUEST(S)

(If more space is needed to complete any of the items, use Pages 3-4 first, and then attach additional sheets, if necessary.)

17. Additional Information provided on pages 3, 4, and/or separate sheets?	17a. Copies of Recipient's Authorizations Provided?
[✓] Yes [ ] No	[ ] Yes [ ] No

18. Certification:

I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title10, 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	18b. Signature -- Authorized Official	18c. Date
Peter Mason, NBL Program Office Director	PETER MASON Digitally signed by PETER MASON Date: 2021.10.13 13:54:06 -04'00'	

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

1. Additional party to the export is Los Alamos National Laboratory, who will package and ship the plutonium metal material. Full name and address is:

Triad National Security, LLC (operator of Los Alamos National Laboratory)
335 Central Park Square
TA-00, Building 767 MS A187
Los Alamos, NM 87545

2. Additional party to the export is Consolidated Nuclear Security (Y12) who will package and ship the various uranium materials and the small quantity plutonium isotopic standard. Address:

Consolidated Nuclear Security, LLC
301 Bear Creek Road
Oak Ridge, TN 37831

3. These materials (see 5 below) are to be used at the International Atomic Energy Agency's Nuclear Materials Laboratory in Seibersdorf, Austria. They are used for calibration and quality control of measurements performed in support of Safeguards Agreements and support the IAEA's safeguards and nonproliferation mission. The material and shipping is coordinated and funded through the Department of Energy's US Support Program to the IAEA (USSP) via the NBL Program Office.

4. First and last shipment dates are not actual ship dates, but indicate the range of time that the shipment(s) will occur per the project schedule.

5. All materials are Certified Reference Materials produced by the NBL Program Office. The material Certificates of Analysis are available on request and on our website (https://www.energy.gov/nnsa/nbl-program-office). The NBL PO material ID's are C126A (1 gram Pu metal unit size), C116A (1 gram HEU metal unit size), C125A (5 gram fuel pellet), C128 (1 mg Pu nitrate isotopic, and several of the U-series isotopic standards (e.g. U970, U350 all 1 gram unit size). The NBL PO is cognizant of how the IAEA utilizes these materials, and we maintain regular communication/coordination between the USSP and the IAEA.