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| NRC FORM 7 (07-2019) 10 CFR 110 | | U. S. NUCLEAR REGULATORY COMMISSION | | APPROVED BY OMB: NO. 3150-0027 | | EXPIRES: 02/28/2022 | |
|  | | APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (See Instructions on Pages 4 and 5) | | | | 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 | | <input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public | | Date Received 12/20/2021 JMS | | | |
| License Number XSNM3827 | | Docket Number 11006433 | | 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 NBL Program Office National Nuclear Security Administration 1 Science.gov Way Oak Ridge, TN 37830 | | | 1a. Name of Applicant's Contact Peter Mason | | 1b. Applicant's Reference Number 22-008 | | |
| | | | 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) | | <input checked="" type="checkbox"/> Export (Parts B, C, E) | | <input type="checkbox"/> Amendment/Renewal | | Current License Number: | |
| | | <input type="checkbox"/> Import (Parts B, D, E) | | <input type="checkbox"/> Consent Request (Parts B, C) | | Current License Number: | |
| 3. Contract Number(s) | | | | 4. First Shipment Date 01/03/2022 | 5. Last Shipment Date 03/31/2022 | 6. Proposed Expiration Date 01/31/2023 | |
| 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 NBL Program Office National Nuclear Security Administration 1 Science.gov Way Oak Ridge, TN 37830 Consolidated Nuclear Security (CNS) 301 Bear Creek Road Oak Ridge, TN 37831 | | | 8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) | | 9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) ULTRA ELECTRONICS ENERGY Innovation House Ferndown Industrial Estate Wimborne Dorset, BH21 7SQ United Kingdom | | |
| 7a. Function(s) Performed/Service(s) Provided Packaging and Shipping | | | 8a. Intermediate Use(s) | | 9a. Ultimate End Use(s) Neutron detector development, see page 3 for additional information | | |
| 10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export 1. Uranium (94% U235) metal | | | | 10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq) 1. 0.005 (KG) | 10b. Max Enrichment or WGT% 1. 94% U235 | 10c. Max Isotope WGT (KG) 1. 0.005 (KG) | |
| 11. Foreign origin (or obligations by country and, if known, by percentage of maximum total volume) N/A | | | | | | | |

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LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) (Continued)**

| | | | |
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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.)

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| 17. Additional Information provided on pages 3, 4, and/or separate sheets? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 17a. Copies of Recipient's Authorizations Provided? <input type="checkbox"/> Yes <input type="checkbox"/> No |
|---|---|

18. Certification:

I, the applicant's authorized official, hereby certify that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information provided is correct to the best of my knowledge.

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| 18a. Print Name and Title of Authorized Official Peter B. Mason, NBL Program Office Director | 18b. Signature -- Authorized Official Peter B. Mason Digitally signed by Peter B. Mason Date: 2021.11.19 11:46:01 -05'00' | 18c. Date |
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Additional party to the export is Consolidated Nuclear Security (Y12) who will package and ship the various uranium materials.

End use of materials:

Ultra Electronics Energy manufactures various radiation detectors including neutron flux detectors which we supply to the civil nuclear market. On this occasion Ultra intend to use this material in construction of a neutron flux detector being developed and funded internally as part of an IR&D project. The prototype detector(s) that contain this material will remain our property and remain at our facility.

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

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 is C116A (1 gram HEU metal unit size).