

NRC FORM 7 (12-19-2023) 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 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 FOIA, Library, and Information Collections Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by email to Infocollects.Resource@nrc.gov , and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3150-0027), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; email: oir_submission@omb.eop.gov . The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.	EXPIRES: 05/31/2025
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public	
License Number XSOU8872		Date Received 8/26/2025	
Docket Number 11006647		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 Eckert & Ziegler Analytics 1380 Seaboard Industrial Boulevard Atlanta, Georgia 30318		1a. Name of Applicant's Contact Nichole R. Domineck	1b. Applicant's Reference Number CO-062327
		1c. Office Telephone Number 404-425-5067	1d. Office Facsimile Telephone Number
		1e. Applicant's Email Address nichole.domineck@ezag.com	
2. Type of Action Requested		Current License Number:	
<input checked="" type="checkbox"/> Export (Parts B, C, E)		<input type="checkbox"/> Amendment/Renewal	
<input type="checkbox"/> Import (Parts B, D, E)		<input type="checkbox"/> Consent Request (Parts B, C)	
3. Contract Number(s) PTC-PO25-04-22139		4. First Shipment Date 12/31/2025	5. Last Shipment Date 03/31/2026
		6. Proposed Expiration Date 12/31/2027	
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 Eckert & Ziegler Analytics 1380 Seaboard Industrial Boulevard Atlanta, Georgia 30318 Contact: Nichole R. Domineck Tel. 404-425-5067		8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) PTC International Ltd. Unit 1712 Kodak House II 39 Healthy Street East North Point Hong Kong SAR Contact: Daniel Hsu, +852 2827 9977, daniel.hsu@ptc.com.hk	9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) Hong Kong Observatory King's Park Meteorological Station 22 King's Park Rise, Homantin, Kowloon Hong Kong SAR Contact: Lok-ping HO, Scientific Officer +852 2926 8415, lpho@hko.gov.hk
7a. Function(s) Performed/Service(s) Provided Supplier and Exporter		8a. Intermediate Use(s) Purchaser and Importer	9a. Ultimate End Use(s) Calibration of detectors, see page 3
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export Pu-242 as Plutonium Nitrate in 3M HNO3 with fill volume 5mL in a 5mL Flamed Sealed Ampoule		10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq) 1.532e-10 kg	10b. Max Enrichment or WGT% N/A
			10c. Max Isotope WGT (KG) N/A
11. Foreign origin or obligations by country and, if known, by percentage of maximum total volume (leave blank for byproduct licenses) United States			

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License Number XSOU8872	Docket Number 11006647	Adams Accession Number	<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public
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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 N/A	13. Name(s)/Address(es) of Foreign or U. S. Intermediate Consignee(s) N/A	14. Name(s)/Address(es) of Ultimate U. S. Consignee(s) N/A
12a. NRC Export License Number(s) (if applicable) N/A	13a. License Number(s) / Expiration Date(s) N/A	14a. License Number(s) / Expiration Date(s) N/A
	13b. Intermediate Use(s) N/A	14b. Ultimate End Use(s) N/A
15. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities N/A	15a. Maximum Total Volume/ Element WGT (KG), or Total Activity (TBq) N/A	15b. Max Enrichment or WGT% N/A
		15c. Max Isotope WGT (KG) N/A

16. Foreign obligations (By country and by Percentage of Maximum Total Volume)
N/A

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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	17a. Copies of Recipient's Authorizations Provided? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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.

18a. Print Name and Title of Authorized Official Nichole R. Domineck Mgr., Quality Systems & Regulatory Affairs	18b. Signature -- Authorized Official DocuSigned by:  <small>87B5363C0AC4472</small>	18c. Date 08/26/2025
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Additional information for 9a.

- The plutonium nitrate will remain in the flame sealed ampoule. The ampoule will be placed inside an Ortec Alpha Ensemble for calibration.
- Once calibrated, the Ortec Alpha Ensemble will be used for alpha spectrometry analysis on environmental samples to measure the detected activity of Pu-239.