

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) <i>(See Instructions on Pages 4 and 5)</i>	APPROVED BY OMB: NO. 3150-0027 EXPIRES: 05/31/2025 <small>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 Infocollections.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.</small>	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public	Date Received 6/6/2025
License Number XCOM1374	Docket Number 11006639	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 Sulzer Pumps (US) Inc. 4126 Caine Lane Chattanooga, TN 37421		1a. Name of Applicant's Contact Rebecca Johnson	1b. Applicant's Reference Number OP-2705294
		1c. Office Telephone Number 503-701-2923	1d. Office Facsimile Telephone Number 503-205-3746
		1e. Applicant's Email Address rebecca.johnson@sulzer.com	
2. Type of Action Requested	<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)		
	Current License Number:		
3. Contract Number(s) OP-2705294	4. First Shipment Date 09/01/2025	5. Last Shipment Date 12/01/2025	6. Proposed Expiration Date 5/12/2026
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 1. [REDACTED] 2. [REDACTED] 3. [REDACTED] Continued on page 3	8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) Tasco Corporation, Roppongi 3-3-29-401, Minato-Ku, Tokyo, Japan 106-0032	9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) The Japan Atomic Power Company, Tokai 2 Plant, Ibaraki, Japan	
7a. Function(s) Performed/Service(s) Provided Manufacturing of goods	8a. Intermediate Use(s) Procurement company for Ultimate Foreign Consignee	9a. Ultimate End Use(s) Replacement parts for nuclear reactor pump	
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export For pump serial #210133: 5 Gaskets 6 O-Rings 2 Bearing nuts 4 Set screws 5 Shim sets [REDACTED]	10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq)	10b. Max Enrichment or WGT%	10c. Max Isotope WGT (KG)
11. Foreign origin or obligations by country and, if known, by percentage of maximum total volume (leave blank for byproduct licenses) None, all items US-origin			

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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.)

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 Rebecca Johnson	18b. Signature -- Authorized Official Rebecca Johnson <small>Digitally signed by: Rebecca Johnson DN: CN = Rebecca Johnson email = rebecca.johnson@sulzer.com C = US O = Sulzer Pumps (US) Inc. Date: 2025.05.30 16:29:24 -0400</small>	18c. Date May 30, 2025
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Additional Information (Reference applicable block numbers from page 1 and/or page 2 for each entry)

Part C, Block 7. Additional Suppliers:

4. [REDACTED]
5. [REDACTED]
6. [REDACTED]

Part C, Block 7a. The suppliers will be providing the following:

1. [REDACTED] O-rings
2. [REDACTED] Shims
3. [REDACTED] Gaskets
4. [REDACTED] Bearing nuts
5. [REDACTED] Lock nuts
6. [REDACTED] Set screws

Part C, Block 10. Pump serial #210133 is a Reactor Core Isolation Cooling (RCIC) pump in the Tokai 2 BWR facility in Japan. This pump was designed and manufactured for supporting this particular nuclear reactor coolant system. The pump is a part of the reactor recirculation system and located one active motor-operated valve off the reactor recirculation system. The RCIC system is designed to ensure that sufficient reactor water inventory is maintained in the vessel to permit adequate core cooling. This prevents the reactor fuel from overheating in the event that the reactor is isolated from the secondary plant. The RCIC pump water is radioactively contaminated.

Pump serial #210133 was manufactured by Bingham-Willamette pump company in 1971. Bingham-Willamette was acquired by Applicant in 1988. Applicant has not sold any replacement parts for this pump before.

Applicant is selling replacement parts for the specified pump only.