

NRC FORM 7 (05-2022) 10 CFR 110		U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3160-0027		EXPIRES: 05/31/2025	
		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 FOIA, Library, and Information Collections Branch (T-8 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to InfoCollect.Resource@nrc.gov , and the OMB reviewer at: OMB Office of Information and Regulatory Affairs, (3160-0027), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street NW, Washington, DC 20503; e-mail: pira_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.	
PART A. FOR NRC USE ONLY		<input checked="" type="checkbox"/> Public OR <input type="checkbox"/> Non-Public		Date Received 09/20/22 JMS			
License Number XW030		Docket Number 11006456		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 Perma-Fix Northwest Richland, Inc 2025 Battelle Blvd Richland, WA 99354			1a. Name of Applicant's Contact Richard Grondin		1b. Applicant's Reference Number N/A		
			1c. Office Telephone Number (509) 376-7026		1d. Office Facsimile Telephone Number (509) 376-0613		
			1e. Applicant's E-mail Address rgrondin@perma-fix.com				
2. Type of Action Requested		<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) To be issued later			4. First Shipment Date 03/01/2023		5. Last Shipment Date 09/01/2027		6. Proposed Expiration Date 03/01/2028
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 Diversified Scientific Services, Inc 657 Gallaher Rd. Kingston, TN 37763 Contact person: Kenyon Mee Contact phone: (865) 376-8704 Contact email: kmee@perma-fix.com see supplemental suppliers on Attachment 1			8. Name(s)/Address(es) of Intermediate Foreign Consignee(s) N/A		9. Name(s)/Address(es) of Ultimate Foreign Consignee(s) Nuklearna Elektrarna Krsko d.o.o. Vrbina 12, Post code 8720, Town: Krsko, Slovenia Contact person: Vesna Deek Contact phone: ++386 7 48 02 436 Contact email: vesna.deek@nek.si see supplemental contacts on attachment 1		
7a. Function(s) Performed/Service(s) Provided Waste treatment then return to Slovenia			8a. Intermediate Use(s) N/A		9a. Ultimate End Use(s) Storage in Slovenia		
10. Description of Radioactive Materials, Sealed Sources, Nuclear Facilities, Equipment, or Components; for Nuclear Equipment include Total Dollar Value of Equipment for Export The waste consist of residual liquid, DAW and spent ion exchange resin generated at the Nuclear Power Plant during the cleaning of the secondary waste side water of a steam generator leakage and other maintenance work. The primary contaminant will be Co-60, Cs-137. refer to attachment1 for more detail				10a. Maximum Total Volume/Element WGT (KG), or Total Activity (TBq) The maximum volume will be 50,000 Kg and 0.157 TBq	10b. Max Enrichment or WGT% No special nuclear material involved in this project.	10c. Max Isotope WGT (KG) No special nuclear material involved in this project	
11. Foreign origin or obligations by country and, if known, by percentage of maximum total volume (leave blank for byproduct licenses) 100 % of the incoming volume to US will come from Slovenia							

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U. S. NUCLEAR REGULATORY COMMISSION

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

License Number XW030	Docket Number 11006456	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	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 RICHARD GRONDIN EXECUTIVE VICE PRESIDENT	18b. Signature of Authorized Official Richard Grondin	18c. Date Digitally signed by Richard Grondin Date: 2022.09.12 11:37:57 -07'00'
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U. S. NUCLEAR REGULATORY COMMISSION

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

License Number

XW030

Docket Number

11006456

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Public

OR



Non-Public

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

see attachment 1



Northwest Richland, Inc

Attachment 1: Supplemental information for PFNW Application to export treated radioactive waste to Slovenia (NRC Form 7)

a) Radioactive Material License of the parties involved:

Perma-Fix Northwest Radioactive Material License: WN-I0393-1, issued by the State of Washington Department of Health.

Diversified Scientific Services Radioactive Material License: R-73014-H24 issued by the Tennessee Department of Environment and Conservation, Division of Radiological Health.

Perma-Fix of Florida Material License: 2598-1 issued by the State of Florida Department of Health Bureau of Radiation Safety.

The activity level for all the radioactive contaminants for the waste exported under this license will not at any time exceed the PFNW, DSSI or PFF domestic possession limits as found in their State License.

b) Part c. 7. Name(s)/Address(es) of U.S. Supplier and/or other U.S. Parties to the export:

The primary facility for this project is Perma-Fix Northwest Richland, Inc. We want to add a Perma-Fix Facility to be parties of the export. This Facility may potentially receive waste for treatment and return to country of origin:

Perma-Fix of Florida, Inc.
1940 N.W. 67th Place
Gainesville, FL 32653
Contact Person: Randy Self
Contact Phone: (352) 373-6066
Contact Email: rself@perma-fix.com

c) Part 9. Slovenia regulatory agent Point of contact:

The agency is Slovenian Nuclear Safety Authority (SNSA)

Contact person: Ms. Polona Tavcar
Contact phone number: ++386 1 4721125
Contact email: polona.tavcar@gov.si



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Northwest Richland, Inc

September 12th , 2022

Joanne Savoy, License Officer
Office of International Programs
U.S. Nuclear Regulatory Commission
Export Controls and Nonproliferation Branch
301-287-9092, Location O14 A26,
Mail stop O14 A20

Subject: Application for a Specific License to Export Radioactive Waste to Slovenia

Dear Ms. Savoy,

Perma-Fix Northwest Richland, Inc. submits this application for a Specific License to export radioactively contaminated waste from the United States to Slovenia. The source of the waste is Nuklearna Elektrarna Krsko d.o.o. located in the town of Krsko in Slovenia. The incoming waste to the US mainly consists of contaminated liquid, solid, DAW and spent ion exchange generated during the cleanup of the secondary side of a steam generator during a leakage. The treated waste exported mainly consists of residual thermal treatment (ash) and some non-combustible metal.

The purpose of the export application is to allow treated waste that is attributable to the Slovenia source to be exported back to the country of origin, Slovenia, in appropriate shipping containers.

The primary facility that will receive, treat and export the treated waste will be Perma-Fix Northwest located in Richland, WA. Alternatively the Diversified Scientific Services located in Kingston, TN and the Perma-Fix of Florida located in Gainesville, FL are the two others Perma-Fix facilities that can process and export the treated waste. All three facilities possess State Radioactive Material Licenses.

The appropriate application is attached. If you need additional information, please feel free to call me at (509) 375-7026.



Sincerely,

A handwritten signature in black ink, appearing to read "Richard Grondin".

Richard Grondin
Executive Vice President Waste Treatment Operations
Perma-Fix Environmental Services Inc.
2025 Battelle Blvd
Richland, WA 99354
rgrondin@perma-fix.com

Attachments:

- 1) Export application NRC Form 7
- 2) Supplemental information

d) Description of the waste included (NRC Form 7, Part C.10, 10a, 10b, 10c.):

Incoming to US:

The incoming waste to the US mainly consists of residual liquid, solid, DAW and spent ion exchange generated during the cleanup of the secondary side of a steam generator during a leakage.

The waste will be treated by thermal processing, stabilization/solidification. The maximum quantity imported will not exceed 200,000 Kg. The table below represents the principal isotopic activity of the waste imported in the US. No Special Nuclear Material will be present at a reporting level:

Radionuclides	Activity (TBq)
Incoming waste to US	
Co-60	0.007
Cs-137	0.150
Am-241, Cm-242, Cm-244, Pu-238, Pu-239	0.00024
Mn-54, Co-58, Nb-95, Ag-110m, Sn-113, Cs-134, Sb-125	0.000079
Total (not to exceed)	0.157

Outgoing (exported):

The waste stream exported to the consignee (Slovenia) will be a solid form and consist of residual ash and residual metal or non-combustible material that cannot be recycled. If any incoming waste is determined to be non-conforming and cannot be treated at either PFNW, DSSI or PFF, this waste stream may be returned in its original state or form. The final destination of the treated waste and/or any non-conforming waste will be Nuklearna Elektrarna Krsko facility in the town of Krsko in Slovenia for interim storage.

The maximum quantity of waste returned or exported will not exceed 50,000 Kg since the treatment process involves thermal treatment and volume reduction. The maximum isotopic activity returned will be 0.157 TBq.

e) Route of Transit:

The expected route of export back to Slovenia, will be transported via highway from Richland, WA, Kinston, TN or Gainesville, FL to either the Port of Montreal, Valleyfield or Halifax Canada then place on a ship to either Antwerp, Belgium or Rotterdam,



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Northwest Richland, Inc

Netherlands. From Antwerp or Rotterdam it will be transported by highways to Krsko, Slovenia for long term storage. The route is tentative at this time and might actually change based on route and weather conditions.

The treated waste will be packaged, marked and labeled and placarded to meet the Department of Transportation requirements and regulations set forth in 10 CFR Part 71.