


NRC FORM 7 (02-2016) 10 CFR 110		 U. S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB: NO. 3150-0027		EXPIRES: 11/30/2018	
APPLICATION FOR NRC EXPORT OR IMPORT LICENSE, AMENDMENT, RENEWAL, OR CONSENT REQUEST(S) <i>(See Instructions on Pages 4 and 5)</i>				Estimated burden per response to comply with this mandatory collection request: 2.4 hours. This submission is reviewed to ensure that the applicable statutory, regulatory, and policy considerations are satisfied. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to Infocollections.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 MAR 28 2016 SF			
LICENSE NUMBER XW022		DOCKET NUMBER 11004230		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. (PFNW) 2025 Battelle Blvd. Richland, WA 99354			1a. NAME OF APPLICANT'S CONTACT Curt Cannon		1b. APPLICANT'S REFERENCE NUMBER N/A		
			1c. PHONE NUMBER (509) 375-5061		1d. FAX NUMBER (509) 375-0613		
			1e. E-MAIL ADDRESS ccannon@perma-fix.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input checked="" type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input type="checkbox"/> AMENDMENT/RENEWAL Current License Number:		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S) N/A		4. FIRST SHIPMENT DATE April 1, 2016		5. LAST SHIPMENT DATE March 31, 2021		6. PROPOSED EXPIRATION DATE March 31, 2021	
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 SUPPLIERS AND/OR OTHER PARTIES TO THE EXPORT Perma-Fix Northwest Richland, Inc. (PFNW) 2025 Battelle Blvd. Richland, WA 99354 Contact Person: Curt Cannon			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) N/A		9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) The Active Collection Bureau Limited Socorro House, Liphook Way 20/20 Business Park Maidstone, Kent ME16 0LQ Contact Person: Miles Warren Contact Phone: +44 1622 356700 Contact Email: milesw@acb.co.uk		
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED Return of processed/conditioned waste			8a. INTERMEDIATE USE(S) N/A		9a. ULTIMATE END USE(S) ACB responsible for ultimate end use		
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT 55 gallon drums of a homogenized solid waste (grouted) form that includes the ash from thermal processing the radium dials and the non-combustibles that have been shredded and mixed with the ash during a grouting process. No dollar value is associated with this waste being returned to the originating foreign country.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) Total Activity 0.09 TBq		10b. MAX ENRICHMENT OR WGT % N/A	10c. MAX ISOTOPE WGT (KG)
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

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


LICENSE NUMBER XN022	DOCKET NUMBER 11006230	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 PARTIES TO IMPORT	13. NAME(S) / ADDRESS(ES) OF INTERMEDIATE CONSIGNEE(S)	14. NAME(S) / ADDRESS(ES) OF ULTIMATE U. S. CONSIGNEE(S)
12a. NRC EXPORT LICENSE NUMBER(S) <i>(if applicable)</i>	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. MAX 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)

17. ADDITIONAL INFORMATION PROVIDED ON PAGES 3, 4, AND/OR ON SEPARATE SHEETS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	17a. COPIES OF RECIPIENTS' AUTHORIZATIONS PROVIDED? <input type="checkbox"/> YES <input checked="" 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.		
18a. PRINT NAME AND TITLE OF AUTHORIZED OFFICIAL Tammy Monday Vice President, Waste Services Sales and Business Development	18b. SIGNATURE -- AUTHORIZED OFFICIAL 	18c. DATE 03/21/2016

MAR 28 2016 ^{EF} Pac'd

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

See Attachment 2 for additional export information.



March 16, 2016

Mr. Geoff Miller
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Applications for:

- 1) Specific License to Import Radioactive Material**
- 2) Specific License to Export Radioactive Material**

Dear Mr. Miller:

Perma-Fix Environmental Services, Inc. requests issuance of a specific license to authorize the import of radium luminised dials from England to the Perma-Fix Northwest (PFNW) facility located in Richland, Washington for processing under Washington Agreement State license. This submittal also requests a specific license to authorize the export of conditioned waste back to England generated from the processing and conditioning of the dials.

This license is to allow the importation of radium luminised dials with a basic construction of brass, aluminum or mild steel case including metal dial face and moving indicators. The specific material to be shipped in each shipment is not known as of the date of this application, but will be limited to the possession limits of the PFNW license for possession and processing of radioactive materials.

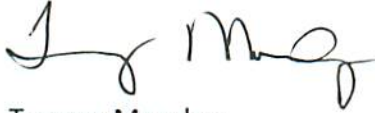
The Active Collection Bureau Limited located in Maidstone, Kent in England will be the supplier/generator of the waste. The purpose of the import license is for PFNW to thermally treat the dials followed by shredding and grouting the non-combustibles to provide a homogenous waste matrix for return to England. The purpose of the export license is to allow waste that is attributable to England under this import license to be exported back to England in appropriate shipping containers.

Shipments of material will not be imported under this proposed U.S. import license until England has issued the appropriate authorizations to allow waste associated with an import under this applied for license to be returned back to England.

The appropriate applications are attached. We are enclosing two checks in the amount of \$9,400 each to address the fees for two applications specified in 10 CFR 170.31.

If you need additional information, please call me at (865) 342-7613 or (865) 599-9605.

Sincerely,



Tammy Monday
Vice President, Waste Services
Sales and Business Development
tmonday@perma-fix.com

Attachments:

- 1) Import Application (Form 7)
- 2) Export Application (Form 7)
- 3) Addendum to Import Application
- 4) Addendum to Export Application

CC: Jane Chimood

ATTACHMENT 2

ADDENDUM TO PART 110 EXPORT APPLICATION

It is Perma-Fix's intention to export radioactive material to return waste streams that were imported for thermal processing, shredding and grouting.

Reference: 10 CFR 110.32 (a)

Name and Address of Applicant:

Perma-Fix Northwest Richland, Inc. (PFNW)
2025 Battelle Blvd.
Richland, WA 99354

Contact Person: Curt Cannon
Contact Phone: 509-375-5061
Contact Email: ccannon@perma-fix.com

Reference: 10 CFR 110.32 (b)

Name and Address of Supplier of the Material:

Perma-Fix Northwest Richland, Inc. (PFNW)
2025 Battelle Blvd.
Richland, WA 99354

Contact Person: Curt Cannon
Contact Phone: 509-375-5061
Contact Email: ccannon@perma-fix.com

Reference: 10 CFR 110.32 (c)

Country of Origin:

England

Reference: 10 CFR 110.32 (d)

Ultimate Consignee:

The Active Collection Bureau Limited
Socorro House
Liphook Way
20/20 Business Park
Maidstone, Kent ME16 0LQ

Contact Person: Miles Warren
Contact Phone: +44 1622 356700
Contact Email: milesw@acb.co.uk

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Reference: 10 CFR 110.32 (e)

Dates of Proposed First and Last Shipments:

First Shipment: April 1, 2016

Last Shipment: March 31, 2021

The first shipment is processed/conditioned waste will not begin until the proposed import license associated with this application is issued and waste is generated during the processing of the imported waste streams.

Reference: 10 CFR 110.32 (f)

Description of the Material:

The final waste form for return to the UK will be 55 gallon drums of a homogenized solid waste (grouted) form that includes the ash from thermal processing the radium dials and the non-combustibles that have been shredded and mixed with the ash during a grouting process. At this time it is not possible to estimate the quantities, volume and radioactivity that will need to be exported. Due to the grouting of this waste stream, the processed/conditioned waste volumes being returned will exceed the imported volumes.

The chemical and physical form of the isotopes will be suitable for transport under US DOT regulations consistent with the limitations of PFNW's Radioactive Materials License limits.

It is expected the exports will involve numerous shipments during the term of the license. No one shipment will exceed the values found in 10 CFR Part 110, Appendix P, Table 1, Category 2.

Reference: 10 CFR 110.32 (f)(5)

(8) For proposed exports or imports of radioactive waste, the volume, physical and chemical characteristics, route of transit of shipment, classification (as defined in 61.55 of this chapter) if imported or exported for direct disposal at part 61 or equivalent Agreement State licensed facility, and ultimate disposition (including forms of management or treatment) of the waste.

The volume and physical and chemical characteristics are referenced in previous sections.

Route of Shipments – The waste will depart the PFNW facility located in Richland, Washington by truck primarily along interstate highways and exit the United States at the US Port in Norfolk, Virginia. ACB will manage the Atlantic crossing from Norfolk, VA to Liverpool Docks, UK and terminate at the ACB facility in Maidstone, Kent.

Classification – None of the waste generated during treatment/processing will be disposed of in the US therefore classification does not apply.

Ultimate disposition – The final waste form will be returned in 55 gallon drums to ACB's facility at Maidstone, UK for storage. ACB is required to obtain approval at UK disposal site(s) for long-term disposal.

ACB will obtain authorization to import waste back to the UK upon concurrence from the US NRC that these import/export applications are approved. No shipments will commence until ACB has obtained their required regulatory approval.

Reference: 10 CFR 110.32 (f)(7)

(9) Description of the end use by all consignees in sufficient details to permit accurate evaluation of the justification for the proposed export or import, including the need for shipment by the dates specified.

This license is needed to address waste generated from processing and conditioning radium dials to be imported under the proposed import license associated with this application. This export license is directly linked to the proposed corresponding import license.

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