


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) (See Instructions on Pages 4 and 5)							
PART A. FOR NRC USE ONLY			<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC			DATE RECEIVED MAR 29 2017 <i>6ZF</i>	
LICENSE NUMBER XW008/05			DOCKET NUMBER 11005323			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 Diversified Scientific Services, Inc. 657 Gallaher Road Kingston, Tennessee 37763			1a. NAME OF APPLICANT'S CONTACT Kenyon Mee		1b. APPLICANT'S REFERENCE NUMBER N/A		
			1c. PHONE NUMBER (865) 376-0084		1d. FAX NUMBER (865) 376-0087		
			1e. E-MAIL ADDRESS kmee@perma-fix.com				
2. TYPE OF ACTION REQUESTED (Check One)							
<input type="checkbox"/> EXPORT (Parts B, C, E)		<input type="checkbox"/> IMPORT (Parts B, D, E)		<input checked="" type="checkbox"/> AMENDMENT/RENEWAL Current License Number: XW008/04		<input type="checkbox"/> CONSENT REQUEST (Parts B, C) Current License Number:	
3. CONTRACT NUMBER(S) No Change		4. FIRST SHIPMENT DATE No Change		5. LAST SHIPMENT DATE March 25, 2022		6. PROPOSED EXPIRATION DATE March 31, 2022	
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 No Change			8. NAME(S) / ADDRESS(ES) OF INTERMEDIATE FOREIGN CONSIGNEE(S) No Change			9. NAME(S) / ADDRESS(ES) OF ULTIMATE FOREIGN CONSIGNEE(S) Change Atomic Energy of Canada, Limited to Canadian Nuclear Laboratories. ALL OTHER CONSIGNEES REMAIN THE SAME. See additional information on Page 3.	
7a. FUNCTION(S) PERFORMED/SERVICE(S) PROVIDED			8a. INTERMEDIATE USE(S)			9a. ULTIMATE END USE(S)	
10. DESCRIPTION OF RADIOACTIVE MATERIALS, SEALED SOURCES, NUCLEAR FACILITIES, EQUIPMENT, OR COMPONENTS; FOR NUCLEAR EQUIPMENT INCLUDE TOTAL DOLLAR VALUE OF EQUIPMENT FOR EXPORT See additional information on Page 3.				10a. MAX TOTAL VOLUME / ELEMENT WGT (KG), OR TOTAL ACTIVITY (TBq) No Change		10b. MAX ENRICHMENT OR WGT % No Change	10c. MAX ISOTOPE WGT (KG) No Change
11. FOREIGN OBLIGATIONS (BY COUNTRY AND BY PERCENTAGE OF MAXIMUM TOTAL VOLUME)							

NRC FORM 7
(02-2016)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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


LICENSE NUMBER XW008/05	DOCKET NUMBER 11005323	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	------------------------	---

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) (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. 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 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 of Waste Services Sales and Business Development	18b. SIGNATURE - AUTHORIZED OFFICIAL 	18c. DATE 3/24/17

NRC FORM 7
(02-2016)
10 CFR 110

U. S. NUCLEAR REGULATORY COMMISSION

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

LICENSE NUMBER XN008/05	DOCKET NUMBER 11005323	ADAMS ACCESSION NUMBER	<input checked="" type="checkbox"/> PUBLIC OR <input type="checkbox"/> NON-PUBLIC
-----------------------------------	----------------------------------	------------------------	---

Amendment request to change the following:

Block 1, 1a, 1c, 1d and 1e - Change contact information from Paul Hickman to Kenyon Mee

Block 5 - Change Last Shipment Date to March 25, 2022 (this will allow time to ensure the shipment crosses the border prior to expiration of Export License on March 31, 2022)

Block 6 - Extend export license from March 31, 2017 to March 31, 2022

Block 9 - Change Atomic Energy of Canada, Limited name to Canadian Nuclear Laboratories. ALL OTHER CONSIGNEES REMAIN THE SAME.

1. Canadian Nuclear Laboratories, Chalk River Laboratories, Plant Road, Chalk River, Ontario Canada K07 1J0
2. Canadian Nuclear Laboratories, Whiteshell Laboratories, Pinawa, Manitoba Canada R0E 1L0

Block 10 - Waste streams generated by the foreign consignees may have higher activity levels and may require treatment other than thermal processing to render the waste acceptable for return to Canada for storage and/or disposal. Therefore, this section of the export license is being amended to address changes to the waste description.

1. The reference to Waste Classification as defined in CFR 61.55 is being removed due to this US NRC regulation is not applicable since the residuals are not being disposed of in a US regulated disposal landfill. Waste returned to Canada may be greater than Class A.
2. Removing reference to Import License # IW012/05. Waste will be imported into the US under a general license as set forth in 10 CFR 110.27.
3. Reference to not exceeding Table A2 values of 49 CFR 173.435 is being removed however all shipments will be packaged and transported as required by Department of Transportation requirements.

This export license allows for radioactive waste from treatment/processing of waste imported from Canada under a General License as set forth in 10 CFR 110.27. This includes waste which may need to be returned to the Canadian generators (designated ultimate consignees) for disposition. Such waste could include material that could not be recycled for beneficial reuse, or does not conform to the specification, and/or is directly attributable to processing the material imported under the General License. The activity levels for all of the radioactive contaminants for the materials exported under this license will not at any time exceed the licensee's domestic possession limits. Likewise, no one shipment will exceed 10 CFR Part 110, Appendix P, Table 1 Category 2 thresholds. Waste classification as defined in CFR 61.55 is not applicable to this export license since treated and processed waste are returned to the ultimate consignee in Canada. Waste returned to Canada under this export license can exceed Table A2 values of 49 CFR 173.435 if the radioactivity is within the State of Tennessee Radioactive Materials License and meets all Department of Transportation requirement for transporting the waste.

Route of transit will include 2 ports of exit:

Port Hope, Buffalo, NY (Fort Erie - Peace Bridge)

Port Huron, Michigan (Blue Water Bridge)

March 24, 2017

David Skeen, Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

Subject: Application for License Amendment/Renewal; Export of Radioactive Material

Reference: February 24, 2017 Letter from Peter Habighorst (NRC) to Tammy Monday (Perma-Fix Environmental Services, Inc.)

Dear Mr. Skeen:

On behalf of Perma-Fix Environmental Services, Inc., and its wholly-owned subsidiary Diversified Scientific Services, Inc. (DSSI), enclosed please find a signed amendment/renewal application request for the issuance of a license amendment/renewal for DSSI Export License No. XW008/04.

We are not requesting that the corresponding Import License No. IW012/05 be renewed per your office's instruction that the import of nuclear equipment or material, including radioactive materials into the U.S. does not require an Import License provided the material is not imported for the purposes of disposal in a land disposal facility in the U.S. or for any other purpose (e.g., recycling, waste treatment or other waste management process) that would generate radioactive material for disposal in a land disposal facility in the U.S.; and that such materials can be imported under a general license as set forth in 10 CFR 110.27. Please see attached referenced letter dated February 24, 2017.

This export amendment/renewal application requests:

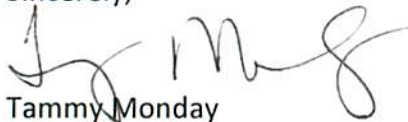
1. Changes to contact information.
2. Extension of the export license for an additional five years.
3. A change to the final shipment date.
4. A change of the name of one Point of Origin entity.
5. The inclusion of two ports of exit.

6. The removal of reference to waste classification to allow for return of Class A, B or C waste streams. (Note: Waste classification is only applicable to waste being disposed of in the US and in the subject instance the residuals are being returned to Canada for storage/disposal. Removal of this reference will allow for treatment and return waste streams at our DSSI facility regardless of waste classification. All receipts will meet DOT packaging, labeling, manifesting and shipping requirements.)
7. Removal of the reference to proper shipping name being Radioactive Low Specific Activity or as Exempt quantity. (Note: Removal of this reference does not remove any DOT requirements. All shipments will be packaged, labeled, manifested and shipped per applicable DOT requirements.)

Please find enclosed a check in the amount of \$9,400 to address the fees for the application 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) Export Application Amendment/Renewal (NRC Form 7)
- 2) February 24, 2017 Letter from Peter Habighorst to Tammy Monday

CC: Stanley Freeman
Andrea Jones