## NRC FORM 374

## U.S. NUCLEAR REGULATORY COMMISSION

PAGE <u>1</u> OF <u>4</u> PAGES Amendment No. 07

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	In accordance with letter dated November 2, 2012,
4 Worthington Lonbort & Corportor Inc.	and E-mail dated November 19, 2013 3. License number 49-27067-01 is amended in
1. Worthington, Lenhart & Carpenter, Inc.	its entirety to read as follows:
2. 200 Pronghorn Street	4. Expiration date July 31, 2021
Casper, Wyoming 82601	5. Docket No. 030-32144
2. 200 Pronghorn Street Casper, Wyoming 82601	Reference No.
B. Americium-241:Be	possess at any one time under this license A. 9 millicuries per source and 63 millicuries total A. 9 millicuries total B. 44 millicuries per source and 308 millicuries total
XXX	L + X
9. Authorized use:	
A. and B. To be used in Troxler Electronic L devices for measuring physical pr	aboratories, Model 3400 Series portable gauging roperties of materials.
CONDI	TIONS
10. Licensed material may be used or stored only at the	ne licensee's facilities located at:
<ul> <li>A. 200 Pronghorn Street, Casper, Wyoming,</li> <li>B. 58 South Tyler Avenue, Pinedale, Wyoming,</li> <li>C. 1015 Harshman Street, Rawlins, Wyoming, an</li> </ul>	d

NRC	FORM 374A U.S. NUCLEAR REGULATORY COMMISSION	PAGE 2 of 4 PAGES
	MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 49-27067-01 Docket or Reference Number 030-32144 Amendment No. 07
	<ul> <li>D. Temporary job sites of the licensee anywhere in the Commission maintains jurisdiction for regulating the exclusive Federal jurisdiction within Agreement State</li> <li>If the jurisdiction status of a Federal facility within an Agreement the federal agency controlling the job site in que</li> </ul>	use of licensed material, including areas of es. reement state is unknown, the licensee should stion to determine whether the proposed job site
	is an area of exclusive Federal jurisdiction. Authorizatio Agreement States not under exclusive Federal jurisdiction regulatory agency.	
11.	Licensed materials shall be used by, or under the super- who have received the training described in the applicati licensee is authorized to provide in-house training as de and letter dated July 19, 2011 with enclosures.	on dated April 12, 2011. Furthermore, the
12.	The Radiation Safety Officer (RSO) for this license is Gre	gory L. Biggs.
13.	A. Sealed sources shall be tested for leakage and/or co intervals specified in the certificate of registration iss under 10 CFR 32.210 or by an Agreement State.	ued by U.S. Nuclear Regulatory Commission
	B. In the absence of a certificate from a transferor indic intervals specified in the certificate of registration iss under 10 CFR 32.210 or by an Agreement State pric received from another person shall not be put into us	ued by U.S. Nuclear Regulatory Commission rito the transfer, a sealed source or detector cell
	C. Sealed sources need not be tested if they are in stor they are removed from storage for use or transferred within the required leak test interval, they shall be test shall be stored for a period of more than 10 years with contamination.	I to another person, and have not been tested sted before use or transfer. No sealed source
	D. The leak test shall be capable of detecting the prese radioactive material on the test sample. If the test re (185 becquerels) or more of removable contamination Regulatory Commission in accordance with 10 CFR immediately from service and decontaminated, repair Commission regulations. The report shall be filed with known with the U.S. Nuclear Regulatory Commission Texas 76011-4511, ATTN: Director, Division of Nucl- source involved, the test results, and corrective action	eveals the presence of 0.005 microcuries on, a report shall be filed with the U.S. Nuclear 30.50(c)(2), and the source shall be removed red, or disposed of in accordance with hin 5 days of the date the leak test result is n, Region IV, 1600 East Lamar Blvd., Arlington, ear Materials Safety. The report shall specify the

NRC F	ORM 374A U.S. NUCLEAR REGULATORY COMMISSIO	N PAGE 3 of 4 PAGES			
		License Number 49-27067-01			
	MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Number 030-32144			
		Amendment No. 07			
14.	<ul> <li>E. Tests for leakage and/or contamination shall be performed by D.S. Nuclear Regulatory Commission or an Agreed the licensee is authorized to collect leak test samples test samples must be performed by persons specific Agreement State to perform such services.</li> <li>F. Records of leak tests results shall be kept in units Sealed sources or source rods containing licensed material services.</li> </ul>	nent State to perform such services. In addition, les but not perform the analysis; analysis of leak ically licensed by the Commission or an of microcuries and shall be maintained for 3 years.			
	detached from source rods or gauges by the licensee, except as specifically authorized.				
15.	The licensee shall conduct a physical inventory every U.S. Nuclear Regulatory Commission, to account for a under the license. Records of inventories shall be ma inventory, and shall include the radionuclides, quantitie the date of the inventory.	Il sources and/or devices received and possessed ntained for 5 years from the date of each			
16.	Except for maintaining labeling as required by 10 CFR authorization from U.S. Nuclear Regulatory Commissis source, device, or source-device combination that wou indicated in the respective Certificates of Registration 10 CFR 32.210 or by an Agreement State.	on before making any changes in the sealed Id alter the description or specifications as			
17.	Each portable nuclear gauge shall have a lock or oute unauthorized or accidental removal of the sealed sour container must be locked when in transport, storage o authorized user.	ce from its shielded position. The gauge or its			
18.	Any cleaning, maintenance, or repair of the gauges that the gauge shall be performed only by the manufacture U.S. Nuclear Regulatory Commission or an Agreemen	r or other persons specifically licensed by the			

- 19. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
- 20. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.

NRC FORM 374A	U.S. NUCLEAR REGULATORY COMMISSION	PAGE 4 of	4 PAG
		License Number 49-27067-01	
	SUPPLEMENTARY SHEET	Docket or Reference Number 030-32144	
		Amendment No. 07	
becomes	ed source or a probe containing sealed sourc s apparent that efforts to recover the sealed shall notify the U.S. Nuclear Regulatory Cor	source or probe may not be successful,	the

- licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent. Notification and reporting requirements should be made to the NRC Emergency Operations Center at 301-816-5100.
- 21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date February 11, 2014

/RA/

By

Roberto J. Torres, Senior Health Physicist Nuclear Materials Safety Branch B Region IV Arlington, Texas 76011-4511