NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES Amendment No. 4

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, 37, 39, 40, 70 and 71, 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 1. Jackson County Department of Transportation		In accordance with letter dated October 4, 2016,	4. Expiration Date: July 31, 2018	
2. 2400 Elm Road Jackson, MI 49201	SNUC	3. License number: 21-32704-01 is amended in its entirety to read as follows:	5. Docket No.: 030-37787 Reference No.:	
 Byproduct, source, and/or special nuclear material 	7. Chemical and/or physical form	m 8. Maximum amount that license may possess at any one time under this license	9. Authorized use	
A. Cesium-137	A. Sealed Sources (AEA Technology/QSA, Inc., Mo CDCW556; Isotope Produc Laboratories, Model HEG-		 A. For use in Troxler Electronic Laboratories Model 3400 Series portable gauging devices for measuring physical properties of materials. 	
B. Americium-241	B. Sealed Sources (AEA Technology/QSA, Inc), Mor AMNV.997; Isotope Product Laboratories, Model AM1.N	ct 🖓	B. For use in Troxler Electronic Laboratories Model 3400 Series portable gauging devices for measuring physical properties of materials.	
C. Radium-226	C. Sealed Sources (Radium Chemical Company, Mode RAN-W25)	and 4.5 millicuries total	C. For use in Seaman Model No. C-200 portable gauging devices for measuring physical properties of materials.	
		CONDITIONS		

1. 2400 Elm Street, Jackson, Michigan, 49201

NRC FORM 374A	U.S. NUCLEAR REGULATORY COMM	IISSION PAGE 2 OF 4 PAGES	
MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 21-32704-01	Docket or Reference Number 030-37787	
	Amendment No. 4		
 maintains jurisdiction for regulating the u If the jurisdiction status of a Federal facil controlling the job site in question to deteuse of radioactive materials at job sites in state regulatory agency. 11. Licensed material shall only be used by, training described in application dated date date date dated date dated dated dated dateda	se of licensed material, including areas, ity within an Agreement State is unknow ermine whether the proposed job site is a Agreement States not under exclusive or under the supervision and in the phy ay 5, 2008. It license is Troy A Stephens all be tested for leakage and/or contamy y the U.S. Nuclear Regulatory Commiss sealed sources shall be tested for leakage specified. It ransferor indicating that a leak test has ar Regulatory Commission under 10 CF person shall not be put into use until te they are in storage and are not being under have not been tested within the require	ates where the U.S. Nuclear Regulatory Commission arexclusive Federal jurisdiction within Agreement States. In the locensee should contact the Federal agency an area of exclusive Federal jurisdiction. Authorization for rederal jurisdiction shall be obtained from the appropriate sical presence of, individuals who have received the ination at intervals not to exceed the intervals specified in sign onder 10 CFR 32.210 or by an Agreement State. In the ge and/or contamination at intervals not to exceed 6 been made within the intervals specified in the certificate of R 32.210 or by an Agreement State, prior to the transfer, a sted and the test results received. sed. However, when they are removed from storage for use of leak test interval, they shall be tested before use or a without being tested for leakage and/or contamination.	

NRC FORM 374A	U.S. NUCLEAR REGULATO	RY COMMISSION	PAGE 3 OF 4 PAGES
MATERIALS LICENSE	License Number 21-32704-01	Docket or Reference Number 030-37787	
SUPPLEMENTARY SHEET	Amendment No. 4		
sample. If the test reveals the p filed with the U.S. Nuclear Reg immediately from service and o	of detecting the presence of 185 becq presence of 185 becquerels (0.005 mid ulatory Commission in accordance with decontaminated, repaired, or disposed	crocuries) or more of removable conta 10 CFR 30.50(c)(2), and the source of in accordance with Commission re	mination, a report shall be shall be removed gulations.
Commission or an Agreement the analysis.	and/or contamination shall be performe State to perform such services. The lic all be kept in units of becqueres (micro	ensee is authorized to collect leak tes	st samples but not perform
 Sealed sources or source rods con licensee, except as specifically au 		opened or sources removed or detac	hed from source rods by the
	aled sources and/or devices received a ate of each inventory, and shall include	and possessed under the license. Rec	ords of inventories shall be
• •	aking any changes in the sealed sourc licated in the respective certificate of r	e, device, or source-device combinati	on that would alter the
17. Each portable nuclear gauge shall sealed source from its shielded po direct surveillance of an authorized	sition. The gauge or its container mus		

NRC FORM 374A	U.S. NUCLEAR REGULA	U.S. NUCLEAR REGULATORY COMMISSION	
MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 21-32704-01	Docket or Reference Number 030-37787	
	Amendment No. 4		
		aching the source or source rod from the	
		ne U.S. Nuclear Regulatory Commission	

19. 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. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. 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.

A. Application dated May 5, 2008 (ML084760366)

B. Letter dated July 29, 2014 (ML14226A473)

C. Letter dated August 27, 2014 (ML14240A634

D. Letter dated November 4, 2016 (ML46315A12

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

N. Bsen Bv:

Jennifer L Bishop Region 3

MMISSIO

Date: November 15, 2016