PAGE <u>1</u> OF <u>5</u> PAGES TORY COMMISSION Amendment No. 03			
LICENSE			
Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of and 70, and in reliance on statements and representations heretofore see to receive, acquire, possess, and transfer byproduct, source, and e purpose(s) and at the place(s) designated below; to deliver or transfer e regulations of the applicable Part(s). This license shall be deemed to gy Act of 1954, as amended, and is subject to all applicable rules, or hereafter in effect and to any conditions specified below.			
In accordance with the letter dated			
September 9, 2013,			
3. License number 47-25421-01 is amended in its entirety to read as follows:			
REGU			
4. Expiration date March 31, 2018			
5. Docket No. 030-34628			
Reference No.			
r physical form 8. Maximum amount that licensee may possess at any one time under this license			
 es (3M Models 4F6S, 4F6ST; Models CDC.93, C.711M, C.PE2, CKC.P1, Gamma del VDHP; icts Laboratories nd HEG-137) A. 50 millicuries total and no single source to exceed the maximum activity specified in the device's certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State 			
odel SA-1 fixed gauging devices for controlling			

NRC	FORM	374A	PAGE 2 OF 5 PAGES				
			License Number 47-25421-01				
		MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Number 030-34628				
			Amendment No. 03				
		CONDITIONS					
10.		nsed material may be used or stored only at the lice					
11.							
12.	The	e Radiation Safety Officer for this license is Jay Borre	ell. O				
13.	A.	Sealed sources shall be tested for leakage and/or or months or at the intervals specified in the certificate Regulatory Commission under 10 CFR 32.210 or u State.	e of registration issued by the U.S. Nuclear				
	B.	In the absence of a certificate from a transferor indi- intervals specified in the certificate of registration is Commission under 10 CFR 32.210 or under equiva- the transfer, a sealed source received from another the test results received.	sued by the U.S. Nuclear Regulatory allocations of an Agreement State, prior to				
	C.	Sealed sources need not be tested if they are in sto they are removed from storage for use or transferrer within the required leak test interval, they shall be to shall be stored for a period of more than 10 years v contamination.	ed to another person and have not been tested ested before use or transfer. No sealed source				
	D.	The leak test shall be capable of detecting the press radioactive material on the test sample. If the test of (185 becquerels) or more of removable contaminat Regulatory Commission in accordance with 10 CFF immediately from service and decontaminated, repar- Commission regulations.	reveals the presence of 0.005 microcurie ion, a report shall be filed with the U.S. Nuclear R 30.50(c)(2), and the source shall be removed				
	E.	Tests for leakage and/or contamination, limited to le the licensee or by other persons specifically license or an Agreement State to perform such services. T analysis; analysis of leak test samples must be per U.S. Nuclear Regulatory Commission or an Agreen	ed by the U.S. Nuclear Regulatory Commission The licensee is not authorized to perform the formed by persons specifically licensed by				

NRC	FORM 3	374A	PAGE 3 OF 5 PAGES				
			License Number 47-25421-01				
		MATERIALS LICENSE SUPPLEMENTARY SHEET	Docket or Reference Number 030-34628				
			Amendment No. 03				
	F.	Records of leak test results shall be kept in units of	microcuries and shall be maintained for 5 years.				
14.	. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.						
15.	The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.						
16.	A. Each gauge shall be tested for the proper operation of the on-off mechanism (shutter) and indicator, if any, at intervals not to exceed 6 months or at such longer intervals as specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or the equivalent regulations of an Agreement State.						
	В.	Notwithstanding the periodic on-off mechanism (s not apply to gauges that are stored, not being use locked position. The gauges exempted from this p	d, and have the shutter lock mechanism in a				
17.	The following services shall not be performed by the licensee: installation, initial radiation surveys, relocation, removal from service, dismantling, alignment, replacement, disposal of the sealed source and non-routine maintenance or repair of components related to the radiological safety of the gauge (i.e., the sealed source, the source holder, source drive mechanism, on-off mechanism (shutter), shutter control, shielding). These services shall be performed only by Ronan Engineering or by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.						
18.	. The licensee may initially mount a gauge if permitted by the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State and under the following conditions:						
	Α.	The gauge must be mounted in accordance with v	vritten instructions provided by the manufacturer;				
	В.	The gauge must be mounted in a location compat "Limitations and/or Other Considerations of Use" i U.S. Nuclear Regulatory Commission or an Agree	n the certificate of registration issued by the				
	C.	The on-off mechanism (shutter) must be locked in be otherwise fully shielded;	the off position, if applicable, or the source must				

NRC FORM 374A PAGE 4 OF 5 PAGES License Number 47-25421-01 Docket or Reference Number MATERIALS LICENSE 030-34628 SUPPLEMENTARY SHEET Amendment No. 03 D. The gauge must be received in good condition (i.e., package was not damaged); and E. The gauge must not require any modification to fit in the proposed location. Mounting does not include electrical connection, activation or operation of the gauge. The source must remain fully shielded and the gauge may not be used until it is installed and made operational by a person specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such operations. 19. Α. The licensee may maintain, repair, or replace device components that are not related to the radiological safety of the device and that do not result in the potential for any portion of the body to come into contact with the primary beam or in increased radiation levels in accessible areas. Β. The licensee may not maintain, repair, or replace any of the following device components: the sealed source, the source holder, source drive mechanism, on-off mechanism (shutter), shutter control, or shielding, or any other component related to the radiological safety of the device, except as provided otherwise by specific condition of this license. 20. Prior to initial use and after installation, relocation, dismantling, alignment, or any other activity involving the source or removal of the shielding, the licensee shall assure that a radiological survey is performed to determine radiation levels in accessible areas around, above, and below the gauge with the shutter open. This survey shall be performed only by Ronan Engineering or persons authorized to perform such services by the U.S. Nuclear Regulatory Commission or an Agreement State. 21. The licensee shall operate each device containing licensed material within the manufacturer's specified temperature and environmental limits such that the shielding and shutter mechanism of the source holder are not compromised. 22. The licensee shall assure that the shutter mechanism, for each device containing licensed material, is locked in the closed position during periods when a portion of an individual's body may be subject to the direct radiation beam. The licensee shall review and modify, as appropriate, its "lock-out" procedures whenever a new device is obtained to incorporate the device manufacturer's recommendations. 23. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

NRC FORM 374A		PAGE	5	OF	5	PAGES
MATERIALS LICENSE SUPPLEMENTARY SHEET	License Number 47-25421-01					
	Docket or Reference N 030-34628	umber				
	Amendment No.	03				

24. 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.

By

A. Application dated January 23, 2008 (ML080290103)

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For the U.S. Nuclear Regulatory Commission

Date September 24, 2013

Original signed by Sattar Lodhi, Ph.D.

Sattar Lodhi, Ph.D. Materials Security and Industrial Branch Division of Nuclear Materials Safety Region I King of Prussia, Pennsylvania 19406