

NRC	FORM 374A			U.S. NUCLEAR	REGU	LATORY COMMI	SSION		PAGE 2 OF 6 PAGES
	MATERIALS LICENSE SUPPLEMENTARY SHEET				Docket or Reference No. 030-38748		•		
6.	Byproduct, source, and/or special nuclear material	7. Cher	nical and/	or physical form	8. R		ount that licensee at any one time nse	9.	Authorized use
Ε.	Any byproduct material authorized under 10 CFR 35.65(d)	E. Any		JCLEAR	Ε.	10 microcuric and 30 micro	es per source ocuries total	E.	Calibration and checking of the licensee's instruments.
F.	Technetium-99m	F. Any	,	No.	F.	100 millicurie	es total	F.	Calibration and checking of the licensee's instruments.
G.	Americium-241		l (Eckert B20270)	& Ziegler, Model	G.	1 microcurie	total	G.	Calibration and checking of the licensee's instruments.
н.	Chlorine-36		l (Eckert 320271)	& Ziegler, Model)H.	1 microcurie	total 🔿	H.	Calibration and checking of the licensee's instruments.
					CON	DITIONS	and a second		
10	Licensed material may	be used o	r stored	ar the licensee's facil	ities I	Dicated at 792		Road	Indianapolis, Indiana, 46268,
	10. Licensed material may be used or stored at the licensee's facilities located at 7920 Georgetown Road, Indianapolis, Indiana, 46268.								
11	11. The Radiation Safety Officer (RSO) for this license is Benjamin R. Ellert, R.Ph.								
12	12. Licensed material shall only be used by, or under the supervision of:								
	A. A pharmacist working or designated as an authorized nuclear pharmacist in accordance with 10 CFR 32.72(b)(2)(i) or (4).								
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L.,									

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B. Authorized Nuclear Pharmacists:						
Shane Branscum, R.Ph.	Benjamin Ellert, RIPh. G (),	Gregory Even, R.Ph.				
Melissa George, R.Ph.	Kimberly Gomez, R.Ph.	Amanda Jehl, R.Ph.				
Keith Koontz, R.Ph.	Ryan Kunkel, R.Ph.	Adam Timm, R.Ph.				
Kaitlin Tyler, Pharm.D.	D'	0				
C. Authorized Users (Non-pharmacist)	2					
Derrick Alcaide	Robert Droege	👱 Mehmet Husnu				
	- Glenn Sullivan	S Albert Tondreau				
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13. A. Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. In the absence of a registration certificate, sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months, or at such other intervals as specified.						
	B. Not withstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed three months.					
registration issued by the U.S. Nucle	C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.					
D. Sealed sources need not be tested i	f they contain only hydrogen 3; or they c	ontain only a radioactive gas; or the half-life of the isotope is				

D. Sealed sources need not be tested if they contain only hydrogen 3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.

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or transferred to another person, a	d if they are in storage and are not being us and have not been tested within the require e stored for a period of more than 10 years	d leak test interval, they shall be	e tested before use or

- F. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 microcuries) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decomarninated, repaired, or disposed of in accordance with Commission regulations.
- G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- H. Records of leak test results shall be kept in units of becquerels (microcuries) and shall be maintained for three years.
- 14. Sealed sources containing licensed material shall not be opened or sources removed from source holders by the licensee, except as specifically authorized.
- 15. The ticensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for three 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.

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16.	The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal in ordinary trash provided:					
	A. Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.					
	•	byproduct material was placed	ion shall be retained for three years in storage, the radionuclides dispos each waste container, and the name	ed, the survey instrument used, th		
17.	7. Except for maintaining labeling as required by 10 CFR Part 20, or Part 71, the licensee shall obtain authorization from the U.S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective certificate of registration issued either by the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or by an Agreement State.					
	description or specifications as indica	ted in the respective certificate	urce, device, or source-device com	bination that would alter the		
	description or specifications as indica	ted in the respective certificate 210 or by an Agreement State.	urce, device, or source-device com of registration issued either by the L	bination that would alter the		
	description or specifications as indica Commission pursuant to 10 CFR 32.2 This license does not authorize distrib	ted in the respective certificate 210 or by an Agreement State. Dution to persons exempt from li wise in this license, the licensee tained in the documents, includin be submitted in accordance wit	censing. shall conduct its program in accord ng any enclosures, listed below. Th h the regulations. The U.S. Nuclea	bination that would alter the J.S. Nuclear Regulatory ance with the statements, is license condition applies only to r Regulatory Commission's		
18.	description or specifications as indica Commission pursuant to 10 CFR 32.2 This license does not authorize distrib Except as specifically provided other representations, and procedures com those procedures that are required to regulations shall govern unless the st	ted in the respective certificate 210 or by an Agreement State. Dution to persons exempt from li wise in this license, the licensee tained in the documents, includin be submitted in accordance wit atements, representations, and	censing. shall conduct its program in accord ng any enclosures, listed below. Th h the regulations. The U.S. Nuclea	bination that would alter the J.S. Nuclear Regulatory ance with the statements, is license condition applies only to r Regulatory Commission's		
18.	description or specifications as indica Commission pursuant to 10 CFR 32.2 This license does not authorize distrib Except as specifically provided other representations, and procedures com those procedures that are required to regulations shall govern unless the st more restrictive than the regulations.	ted in the respective certificate 210 or by an Agreement State. bution to persons exempt from li wise in this license, the licensee tained in the documents, includin be submitted in accordance wit atements, representations, and (ML14177A279) .15020A661)	censing. shall conduct its program in accord ng any enclosures, listed below. Th h the regulations. The U.S. Nuclea	bination that would alter the J.S. Nuclear Regulatory ance with the statements, is license condition applies only to r Regulatory Commission's		

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D Letter dated March 20, 2015, (MI 150	854536)					
	D. Letter dated March 20, 2015 (ML15085A536) E. Letter dated April 27, 2015 (ML15119A563) F. Letter dated May 27, 2015 (ML151558513) G. Letter dated May 28, 2015 (ML151558506) H. Letter dated October 27, 2015 (ML15303A544)					
G. Letter dated May 28, 2015 (ML1515	58506)	9				
	H. Letter dated October 27, 2015 (ML15303A544)					
I. Letter dated May 10, 2016 (ML1614	(vola)	T.				
J. Letter dated October 24, 2016 (ML10						
(ML17345A547)	uging 2nd letter, with attachments, dated	December 8, 2017 re: IRE Ge-68/Ga-68 generators)				
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		THE U.S. NUCLEAR REGULATORT CONTINUSSION				
JUL 11 2018	By:	LyUIM				
Date:		Bryan A. Parker				
		Region III				