NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

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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.

1.	Lic U. S. Department of H National Urban Securi			In accord May 14, 2		with the letter dated	4. Expir	ation Date: April 30, 2034
2.	201 Varick Street, Sui New York, NY 10014-7	te 900	Contracting Capital Contracting Contractin		ed in	ber: 31-31334-01 is its entirety to read as		et No.: 030-37834 rence No.:
6.	Byproduct, source, and/or special nuclear material	7.	Chemical and/or physical fo	orm	8.	Maximum amount that lice may possess at any one tim under this license	*	Authorized use
A.	Sodium-22	A.	Sealed Sources (Eckert Ziegler Isotope Products 193 Series (including Mo 3011))	Model	, А.	50 microcuries per source and 50 microcuries total	δ A.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
В.	Cobalt-57	В.	Sealed Sources (Custom as described in the letter November 12, 2008)	dated	В.	100 microcuries per source and 1 millicurie total	В.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
C.	Cobalt-60	C.	Sealed Sources (Custon as described in the letter November 12, 2008)		С,	100 microcuries per source and 300 microcuries total	C.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
D.	Cobalt-60	D.	Sealed Sources (Eckert Ziegler Isotope Products 193 Series (including Mo 3011))	, Model	D.	100 microcuries per source and 500 microcuries total	D.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.

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6.	Byproduct, source, and/or special nuclear material	7.	Chemical ar	nd/or physical form	8.		ount that licensee at any one time nse	9.	Authorized use
E.	Barium-133	E.		urces (Custom, Model ed in the letter dated 12, 2008)	E.	20 microcurie and 100 micr		E.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
F.	Barium-133	F.	Ziegler Isot	urces (Eckert & ope Products, Model (including Model	F.	25 microcurie and 50 micro		F.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
G.	Barium-133	G.	Ziegler Isol	urces (Eckert & ope Products as, Model GF-133-D)	G.	15 microcurie and 15 micro		G.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
H.	Cesium-137	H.		urces (Custom, Model ed in the letter dated 12, 2008)	H.	1 millicurie p 5 millicuries t		H.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
I.	Cesium-137	I.	Ziegler Isot	urces (Eckert & tope Products, Model (including Model	E.	5 millicuries and 15 millic		I.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
J.	Cesium-137	J.		urces (Eckert & tope Products, Model)	J.	155 microcul source and 2 total	ties per 15 millicuries	J.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
K.	Cesium-137	K.		urces (Eckert & tope Products, Model	К.	100 microcul source and 1 microcuries t	00	K.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
L.	Thorium-228	L.		urces (Custom, Model ed in the letter dated 12, 2008)	L.	25 microcurie and 100 mic	es per source rocuries total	L.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
M.	Thorium-230	М.		urces (Eckert & tope Products, Model 2U)	Μ.	60 nanocurie and 200 nan		М.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.

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6.	Byproduct, source, and/or special nuclear material	7.	Chemical ar	nd/or physical form	8. R		ount that licensee at any one time nse	9.	Authorized use
N.	Thorium-232	N.		urces (Custom, Model ed in the letter dated 12, 2008)	N.	100 microcur source and 3 microcuries to	00	N.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
0.	Americium-241	0.		urces (Custom, Model ed in the letter dated 12, 2008)	Ο.	52 millicuries and 160 millio		Ο.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
Ρ.	Americium-241	P.	Ziegler Iso	urces (Eckert & tope Products, Model (Including Model	-P.	500 microcur source and 5 microcuries t	00	P.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
Q.	Californium-252	Q.		urces (Custom, Model ed in the letter dated 12, 2008)	Q	3 millicuries and 5 millicu		Q.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
R.	Californium-252	R.		urces (Eckert & tope Products, Model	R.	100 microcur source and 1 microcuries t	00	R.	For use in calibration and checking of the licensee's instruments; training of emergency response personnel.
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10.				4	ities le		Varick Street, S	Suite	900, New York, New York, and at
11.	dated October 15, 20)18, and	have been		by the	Radiation Sa	afety Officer. Th	e lice	ne training described in the ap _{plic} ation ensee shall maintain records of I.
12.	The Radiation Safety	Officer	(RSO) for	this license is Carl Sch	opfer.				

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13.	Α.	registration issued by the U.S. Nu	clear Regulatory Commission un	t intervals not to exceed the intervals s der 10 CFR 32.210 or by an Agreemen and/or contamination at intervals not to	t State. In the absence of a
	В.	Not withstanding Paragraph A of t and/or contamination at intervals i	e	signed to primarily emit alpha particles	shall be tested for leakage
	C.	registration issued by the U.S. Nu	clear Regulatory Commission ur	ak test has been made within the interv ider 10 CFR 32.210 or by an Agreemen ise until tested and the test results rece	t State, prior to the transfer, a
	D.		ot more than 100 microcuries of	; or they contain only a radioactive gas beta- and/or gamma ² emitting material o	
	E.	or transferred to another person, a	and have not been tested within	not being used. However, when they are the required leak test interval, they sha n 10 years without being tested for leak	I be tested before use or
	F.	sample. If the test reveals the pre- filed with the U.S. Nuclear Regula	sence of 185 becquerels (0.005 atory Commission in accordance	equerels (0.005 microcuries) of radioac microcuries) or more of removable cont with 10 CFR 30.50(c)(2), and the source and of in accordance with Commission r	tamination, a report shall be ce shall be removed
	G.			collection and analysis, shall be perfor mission or an Agreement State to perfo	

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14.			crocuries) and shall be maintained for 3 years. urces remeved from source holders by the licensee, except as	
15.	to account for all sealed sources and	or devices received and possesse	ther intervals approved by the U.S. Nuclear Regulatory Commised under the license. Records of inventories shall be maintained es, quantities, manufacturer's name and model numbers, and the	for
16.		ut of storage and when it was retu	nporary job sites. The records shall include the identity of mate rned to storage, and the names(s) of the authorized user(s) who ation.	
17.	The licensee is authorized to hold rac disposal in ordinary trash provided:	lioactive material with a physical h	half-life of less than or equal to 120 days for decay-in-storage be	fore
	most sensitive scale and with no radiation labels shall be removed	interposed shielding to determine	that its radioactivity cannot be distinguished from background, n labels on materials that are within containers and that will be the licensee.	
	disposal, the date on which the b	yproduct material was placed in si	on shall be retained for 3 years. The record must include the dat torage, the radionuclides disposed, the survey instrument used, ach waste container, and the name of the individual who perform	the

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representations, and procedures con		all conduct its program in accordance way enclosures, listed below. This lice	

ALIND SAY

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

By: <u>Elizabeth Ullrich</u> Region 1

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Date: September 4, 2019