U.S. NUCLEAR REGULATORY COMMISSION NRC FORM 314 APPROVED BY OMB: NO. 3150-0028 EXPIRES: 02/29/2020 02-2017 10 CFR 30.36(j)(1); Estimated burden per response to comply with this mandatory collection request 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, 40.42(j)(1); 70.38(j)(1); CERTIFICATE OF DISPOSITION and 72.54(k)(5)(1)(1) Washington, DC 20555-0001, by 9-mail to Indicolects Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a OF MATERIALS means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection. LICENSE NUMBER DOCKET NUMBER LICENSEE NAME AND ADDRESS 21-32542-01 Infinity Primary Care, PLLC 28455 Haggerty Road LICENSE EXPIRATION DATE Novi, MI 48377 01/31/2025 A. LICENSE STATUS (Check the appropriate box) √ This license has not yet expired; please terminate it. This license has expired. B. DISPOSAL OF RADIOACTIVE MATERIAL (Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments) The licensee, or any individual executing this certificate on behalf of the licensee, certifies that: 1. No radioactive materials have ever been procured or possessed by the licensee under this license. 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner. a. Transfer of radioactive materials to the licensee listed below: ✓ b. Disposal of radioactive materials: 1. Directly by the licensee: All unsealed sources of RAM were decayed to waste on site. All sealed sources of RAM were returned to the manufacturer. Please see the attached documentation. 2. By licensed disposal site: By waste contractor: C. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA. C. SURVEYS PERFORMED AND REPORTED | ✓ | 1. A radiation survey was conducted by the licensee. The survey confirms: a. the absence of licensed radioactive materials √ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA. 2. A copy of the radiation survey results: √ a. is attached; or b. is not attached (Provide explanation); or c. was forwarded to NRC on: Date 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and a. The results of the latest leak test are attached; and/or ✓ b. No leaking sources have ever been identified. The person to be contacted regarding the information provided on this form:

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE

C. CERTIFYING OFFICIAL
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

Radiation Safety Officer

TELEPHONE (Include Area Code)

(810) 599-8817

PRINTED NAME AND TITLE

Cheryl Schultz

James M. Botti, MS

Mail all future correspondence regarding this license to

Infinity Primary Care 28455 Haggerty Road Novi, MI 48377

NAME

F-MAIL ADDRESS

jbotti@mpcphysics.com

DATE

08/19/2020



28455 Haggerty, Suite 102 Novi, MI 48377

August 19, 2020

#### UNITED STATES NUCLEAR REGULATORY COMMISSION

Region III, Materials Licensing Section 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

Re:

Amendment of NRC License No. 21-32542-01

Close out survey and Termination of license

Dear Sir/Madam:

Please find the following information, in an effort to terminate our NRC License.

Item #1: Please find the attached NRC 314 form for your review.

**item #2:** Please note the following:

- A close-out survey and wipe test was performed on August 19, 2020 and the data is enclosed for your review.
- A map of the area(s) noted above keyed to the survey and wipe test data.
- The last date of use of byproduct material was March 15, 2020.
- The following radionuclide(s) Unsealed Tc99m were used at this facility.
- All residual byproduct material to include waste was fully decayed in storage and disposed, returned to supplier or transferred to an authorized user.
- A current copy of the sealed source leak test results for the sealed sources used at our facility is attached for your review.
- Please note that the above referenced sealed sources have been returned to the manufacture and the documentation is attached for your review

This facility is exempt from decommissioning due to low volumes and short physical halflives of materials used. We did not dispose of radioactive materials by release to sewers or incineration. In addition, there were no spills of any long-lived radioactive material or on-site burials of radioactive materials.

If you have any questions regarding this report or if I may be of assistance, please contact me at (734) 662-3197 or by email at jbotti@mpcphysics.com.

Respectfully Yours,

James M. Botti, MS

Radiation Safety Officer

### Close-out Survey

Date performed: August 19, 2020

Performed by: James M. Botti, MS, RSO

Comments: Sealed sources and radioactive trash were removed from these areas prior

to survey and wipe testing.

#### Instruments

Wipe tests analyzed with a Caprac Well Counter # 171124

Instrument: Well Counter

Radionuclide:

Cs-137

MDA for Cs-137

423 dpm's

Date completed:

12/18/19

Conversion factor: 6.32 dpm/dpm

Area survey performed with the following survey meter:

Manufacturer:

Ludlum

Type:

GM

Model Number:

14C

Serial Number:

213289

Probe Model:

Side Window

Battery check acceptable:

<u>YES</u>

Operational check acceptable:

Constancy check acceptable:

YES

Calibration Date

07/02/20

#### Radionuclides Used

#### Unsealed

Tc99m

#### Sealed

Co-57

Cs-137

Ba-133

# Last date of byproduct radiopharmaceutical use:

March 15, 2020

Visual Check: The area was checked to ensure that all sealed sources and radioactive waste had been removed. No evidence of radioactive material was noted.

Sealed Source Leak Testing: Sealed Source Leak tests demonstrated no removable contamination.

Leaking Sources: There is no history of leaking sources at this facility.

**Radiation Level Survey:** No area within the department demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

**Removable Contamination:** *N*o area within the department demonstrated removable contamination excess of 194 dpm's.

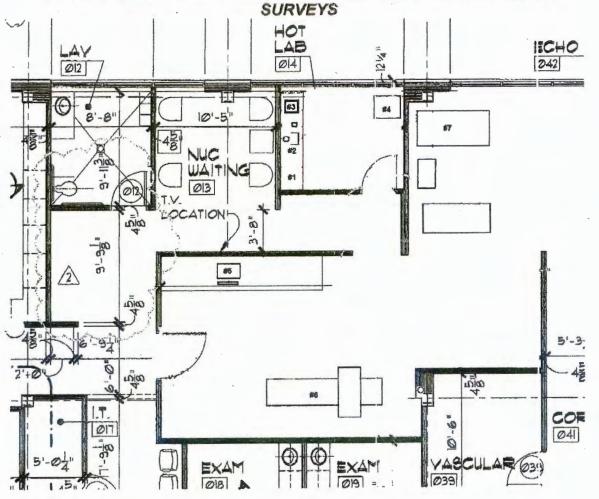
# *Trailer Imaging Area*Background: 174 cpm's

Area	Result in dpms
#1	0
#2	16
#3	32
#4	126
#5	134
#6	194
<b>#</b> 7	22
#8	24
#9	29
#10	0

# Maximum removable contamination = 194 dpms

**Conclusion:** No radioactive materials remain in this area. No removable contamination is present.

# INFINITY PRIMARY CARE AREA DIAGRAM FOR WEEKLY WIPE TESTING AND DAILY AREA



#1= DOSE PREP AREA

#2= WASTE STORAGE AREA

#3= PACKAGE RECIEPT AREA / FLOOR

#4= INJECTION CHAIR

#5= PROCESSING COMPUTER

#6= CAMERA

#7= IMAGING ROOM FLOOR

#8= TREADNILL AND FLOOR

#9= BED

#10= FREQUENTLY TOUCHED OBJECTS



Receiving

**Shipped From:** 

Novi, MI 48377

United States

Infinity Primary Care

sduskey@ipcmd.com

28455 Haggerty Ste. 102

James Botti, RSO, 810-599-8817

Eckert & Zielger Isotope Products Ltd. 1800 N Keystone St. Burbank, CA 91504 **United States** 

Telephone

+1-661-309-1010

Fax

+1-661-257-8303

# **Return Acknowledgement**

Return Number

RMA number

CO-421902 RA-006941 8/21/2020

Date Page

1 of 1

Customer account

MEDNUC02

Customer reference

Customer requisition

Dear Valued Customer,

Eckert & Ziegler Isotope Products Laboratories has received your radioactive source(s) and takes responsibility for tracking and storage of the source(s) listed below. If you have any further questions about the source(s), please contact EZIP and reference the return number listed above. Thank you for your business.

Item number EXCHANGE	Batch number 52273	Serial number	Quantity returned 1.00	<b>Received on</b> 8/10/2020	<b>Description</b> Misc item for recycle/disposal Vial-NASI-MED3550
Nuclide Info: Ba-13.	3 267.5 uCi	Ref. Date: 7/1/200	)4		
EXCHANGE	52347		1.00	8/10/2020	Misc item for recycle/disposal Vial- NASI-MED3550
Nuclide Info: Cs-137	7 221.3 uCi	Ref. Date: 7/1/200	14		
A3533-4-10M		1473-135	1.00	8/10/2020	COMPONENT: Rectangular Flood Source NES8510
Nuclide Info: Co-57	10 mCi	Ref. Date: 1/1/2011			

#### CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

#### INSTRUCTIONS

#### Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

#### Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

#### Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

#### Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

#### **FILE CERTIFICATES AS FOLLOWS:**

#### IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION NUCLEAR MATERIALS SAFETY BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

#### IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA,
COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA,
MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW
MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON,
PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,
UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION U. S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511



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Total Weight

Rev. Date 3/15 . Part #167002 . @2012-2015 FedEx . PRINTED IN U.S.A. RRDA 00/00

Total Declared Value<sup>†</sup>

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Eckert & Ziegler Isotope Products - 24937 Avenue Tibbitts-Valencia, CA 91355-United States

Invoice address Medi-Nuclear LLC 6850 Southbelt Drive SE Caledonia, MI 49316 United States

Contact Telephone Fax

Carrie Mugridge (616) 455-7735 (248) 926-0400 carriem@marketlab.com Email

Sales order

CO-421902

Delivery address Infinity Primary Care 28455 Haggerty Suite 102 Novi, MI 48377 United States

Steve Duskey 248.699.2349 Pro forma packing slip copy

Number

Delivery date Page

7/31/2020 1 of 2

Your customer no. Your order Reference

MEDNUC02 - MEDNUC02

615068

Terms of delivery Place of delivery Mode of delivery Tracking number Shipping carrier

FCA - Free Carrier Origin - collect Air - FedEx Express Saver

Fedex Account No. 508711026

Handling license

Shipping instructions: ATTN: NUCLEAR MEDICINE

PO: DTCNM-71620

Line no.	Item number Description	Unit		Ordered
1	Med-rec-Co57-2 Co-57 source for recycle less than 100uCi	ea	1.00	1.00
2	Med-rec-Cs-137 Cs-137 source for recycle less than 250uCi	ea	1.00	1.00
3	Med-rec-Ba-133 Ba-133 source for recycle less than 250uCi	ea	1.00	1.00
4	7522-1 PRINTED Box, 12L x 12W x 12D, # 3 White Corrugated Cardboard ** With inserts **	ea	1.00	1.00
5	7572-01 FIBERBOARD BOX, glued 21 1/2"x8 3/16"x 21 1/2"	ea	1.00	1.00
6	Return kit RA #, instructions, labels and shipping documents for the return of radioactive source	ea	1.00	1.00





Eckert & Ziegler Isotope Products - 24937 Avenue Tibbitts-Valencia, CA 91355-United States

Invoice address Medi-Nuclear LLC 6850 Southbelt Drive SE Caledonia, MI 49316 United States

Receipt : _				

# Pro forma packing slip copy

#### Number

Delivery date Page

Reference

7/31/2020 2 of 2

Your customer no. Your order MEDNUC02 - MEDNUC02

615068

ORIGIN ID:DEOA (248) 553 STEVE DUSKEY INFINITY PRIMARY CARE, PLLC 28455 HAGGERTY ROAD SUITE 102 NOVI, MI 48377 UNITED STATES US

(248) 553-0050

SHIP DATE: 06AUG20 ACTWGT: 4.00 LB CAD: 103479239/INET4280

BILL SENDER

**ATTN: RECEIVING ECKERT N ZIEGLER ISOTOPE PRODUCTS** 1800 NORTH KEYSTONE STREET

568.2/7709/8766

**BURBANK CA 91504** 

(661) 309-1010 INV: PO:

DEPT.

Fedex.

MON - 10 AUG 4:30P

2DAY \*\*

7711 9124 2078

91504 **BUR** 





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Facility:

Infinity Primary Care, PLLC

28455 Haggerty Road, Suite 102

Novi

ΜI 48377

Instrument:

Manufacturer: Ludlum

GM

Type:

14C

Model #:

Serial #:

213289

Probe Type:

E.W.

Probe Serial #: 223314

Calibration Geometry:

Probe perpendicular to source, cap on.

Calibration Source:

Cs-137 calibrated on 10/1/07 (+/- 3% NBS). Exposure Rate on 6/13/14: 50.83 mR/h

at 1 meter. (NRC License No. 21-20153-01)

Calibration Data:

Scale	Exposure mR/h	Reading mR/h	Exposure mR/h	mR/h	Factor
x0.1	0.06	0.06	0.13	0.13	1.0
x1	0.6	0.65	1.3	1.3	1.0
x10	6	6	13	12.5	1.0
x100	60	55	130	130	1.0
x1000	300	300	700	700	1.0

Date Received:

6/23/2020

Date Calibrated:

(source to end window, cap off.)

7/2/2020

Check Source Reading:

1.0 mR/h

Battery Check:

Batt. OK

High Voltage:

808 Volts

Repairs:

None

Comments:

All instrument readings are within +/- 10% for all scales used.

Drift check was acceptable. Please note applicable scale correction

factors in order to obtain accurate readings in mR/h.

Note: This instrument must be checked for proper operation with its dedicated check source prior to use. A reading as described above

denotes proper operation.

Calibrated by:

11657

Corporate: 214 E. Huron Street, Ann Arbor, MI 48104 (734) 662-3197 Fax: (734) 662-9224 Regional: 50 E. 91st Street, Suite 211, Indianapolis, IN 46240 (317) 581-1911 Fax: (317) 581-1931

Salt Lake City, UT . Sussex, WI . Springfield, IL



# Sealed Source Lank Test

Licensee: Infinity Primary Care, PLLC

Date: 06/12/20

Performed by: James Botti

		Calibration	Calibration	on			
Nuclide	Type	Activity	Date	Location	M/N	S/N	
Cs-137	Vial	221.3 uCi	07/11/04	Hot Lab	MED3550	52347	
Current Ac	tivity: 15	3.16uCi #1					
Ba-133	Vial	267.5 uCi	07/11/04	Hot Lab	MED3550	52273	
Current Ac	tivity: 93.	713uCi #2					
Co-57	Flood	10 mCi	01/01/11	Hot Lab	NES-8510	1473-135	

Current Activity: 0.001 mCi #3

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The leak test wipes were analyzed using instrumentation capable of detecting 185 Bq (0.005 uCi) radioactivity on the wipe.

RADIATION SAFETY OFFICER:

Sealed Source Leak Test Page 1

ORIGIN ID:CFAA (734) 853-JENNIFER DEVLIN INFINITY PRIMARY CARE, PLLC 17197 N. LAUREL PARK DRIVE SUITE 540A LIVONIA, MI 48152 UNITED STATES US (734) 853-4901

SHIP DATE: 27AUG20 ACTWGT: 0.30 LB CAD: 103479239/INET4280

**BILL SENDER** 

REGION III, OFFICE OF MATERIALS LIC UNITED STATES NUCLEAR REGULATORY CO 2443 WARRENVILLE ROAD SEP 0 1 202 LISLE IL 60532 (734) 662-3197

56B.12/7709/B766

7713 7602 4491

REF:

DEPT

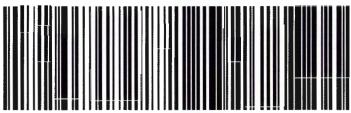




**EXPRESS SAVER ASR** 

- 01 SEP 4:30P

60532 **ORD** 



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