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ANATIONALMEDICAL PHYSICS CONSULTING COMPANY

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November 10, 2021

Radiology Department
Parkland Health Center
1101 West Liberty
Farmington, Missouri 63640

Results in Amendment #

RE: License Renewal

Hello Wes,

Attached is an amendment request in letter format, informing the NRC of the License Renewal.

Read the application carefully for completeness and accuracy. If any changes are made, please be sure we have a copy of the changes as submitted. If there are no necessary changes, have the letter copied onto your facility's letterhead. The application letter is to be signed by Steve. Steve will also need to sign NRC form 313. Dr. Miller & Steve will need to sign the RSO Delegation of Authority on page two (2) of the application.

Make one additional copy of the application packet to keep for your files. Send the original application packet to the following address:

U. S. Nuclear Regulatory Commission
Region III
Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

RECEIVED NOV 16 2021

(01-2020)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/ SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS 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 APPLICATIONS TO:

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

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

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 APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
B. AMENDMENT TO LICENSE NUMBER
C. RENEWAL OF LICENSE NUMBER

24-16616-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)

Parkland Health Center
1101 West Liberty
Farmington, Missouri 63640

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED

Same as 2

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Mark Beanblossom

BUSINESS TELEPHONE NUMBER
636-265-2516

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS E-MAIL ADDRESS

m.beanblossom@ampmedicalphysics.com

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions*)

(See 10 CFR 170 and Section 170.31)

*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.

FEE CATEGORY

7/C

AMOUNT ENCLOSED \$

N/A

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html.

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Steven E. Thomure - Radiology Manager

SIGNATURE

[Handwritten signature]

DATE

11/15/2021

FOR NRC USE ONLY

Table with columns: TYPE OF FEE, FEE LOG, FEE CATEGORY, AMOUNT RECEIVED, CHECK NUMBER, COMMENTS, APPROVED BY, DATE



U. S. Nuclear Regulatory Commission Region III
Materials Licensing Section
2443 Warrenville Road Suite 210 Lisle,
Illinois 60532-4351

License Numbers 24-16616-01

Dear Materials Licensing Section:

This is an amendment request for renewal of our Radioactive Materials License. No other changes are being addressed. If you have any questions or concerns please contact Mark Beanblossom, at 636-265-2516.

Thank you for your assistance.

Sincerely,

Steven Thomure, Radiology Manager

Date



8.9 ITEM 6: PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED

Radionuclide	Form or manufacturers/ Model No.	Maximum output	Purpose of Use
Any byproduct material by 10 CFR 31.11	Any	As Needed	For use in in-vitro studies and will be in the form of prepackaged kits
Any byproduct material permitted by 10 CFR 35.100	Any	As Needed	For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100
Any byproduct material permitted by 10 CFR 35.200	Any	As Needed	Any imaging and localization studies permitted by 10 CFR 35.200
Any byproduct material permitted by 10 CFR 35.300	Any	1 curie total	Any use permitted by 10 CFR 35.300

NO PET MATERIALS ARE USED IN THIS LICENSED PROGRAM

8.10 Item 7

Radiation Safety Officer

Kenneth L. Miller, M.D.

Doctor Miller is currently the RSO on the Parkland Health Center Materials License #: 2416616-01.



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RSO Delegation of Authority

You, Kenneth L. Miller M.D. have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations were justified for radiation safety. You are required to notify management if staff do not cooperate and do not address radiation safety issues. In addition, you are free to raise issues NRC at any time.

I accept the above responsibilities,

Kenneth J. Miller, M.D, RSO

11/15/21
Date

Steven Thomure, Radiology Manager

11/15/2021
Date



8.11 Item 7

Authorized User for Medical Use

The Following AU's are currently listed on our license # 24-16616-01

Kenneth L. Miller, M.D,	Byproduct Materials permitted in 10 CFR 35.100, 35.200 & 35.300.
Gasper M. Fernandez, M.D.	Byproduct Materials permitted in 10 CFR 35.100, 35.200 & 35.300 (limited to oral administration of sodium iodide 1-131 in uantities of 33 mCi or less.

Patients that are treated with 10 CFR 35.300 materials will be released in accordance with 10 CFR 35.75 requirements.

8.16 Item 9

FACILITY DIAGRAM (Attachment)

8.17 Item 9

Radiation Monitoring Equipment

Radiation monitoring Instruments will be calibrated by a person qualified to perform survey meter calibration. We will possess a Ludlum 14C pancake probe that will be used for performing required surveys We reserve the right to upgrade our survey instruments as necessary as long as they are adequate to measure the type and level of radiation for which they are used.



8.18 Item 9

Dose Calibrator

Equipment used to measure dosages for human use, will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions. We do not currently use a dose calibrator for measuring patient doses.

8.23 Item 10

Occupational Dose

Either we will perform a prospective evaluation demonstrating that unmonitored Individuals are not likely to receive in one year a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the requirements listed under "criteria" In NUREG — 1556, VOL 9, Rev. 3 "Consolidated Guidance About Materials Licenses: Program specific Guidance About Medical Use Licensees.

8.29 Item 10

Opening Packages

We have developed and will implement and maintain written package opening procedures that meet the requirements of 10 CFR 20.1906.

8.33 Item 10

Area Surveys

We have developed and will implement and will maintain written procedures for area surveys in accordance with IOCFR 20.1101 that meet the requirements of IOCFR 20.1501 and 20.1906.

8.34 Item 10

Procedures for Administrations Requiring a Written Directive

We have developed and will implement and will maintain written procedures for administrations requiring a written directive in accordance with 10 CFR 35.41.



8.35 item 10

Safe Use of Unsealed Licensed Material

We have developed and will implement and will maintain written procedures for safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1 101 , 20.1301 and 10 CFR 35.69.

8.37 Item 10

Spill Procedures

We have developed and will implement and will maintain written procedures for safe response to spills of licensed material in accordance with 10 CFR 20.1 101.

8.44 Item 11

Waste Management

We have developed and will implement and will maintain written procedures for Waste disposal of licensed material in accordance with IOCFR 20.1101, that also meet the requirements of the applicable section of subpart K to IOCFR 20 and 10 CFR 35.921.



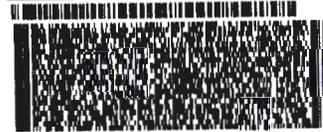
Align top of FedEx Express® shipping label

ORIGIN ID:CGIA (573) 760-8086
ANTHONY ROBBIS
1101 W. LIBERTY
FARMINGTON, MO 63640
UNITED STATES US

SHIP DATE: 15NOV21
ACTWST: 1.00 US
CAD: 250787503NET4400
BILL SENDER

TO MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION
2443 WARRENVILLE ROAD
SUITE 210
LISLE IL 60532

(210) 863-7000 REF: 11100612060-11921001046
INV PC DEPT



TRK# 7752 1010 4333

TUE - 16 NOV 4:30P
STANDARD OVERNIGHT

XN DPAA

60532
IL-US ORD

