

Flint Cardiovascular Consultants
4455 Town Center Parkway
Flint, MI 48532
April 2, 2015

Nuclear Regulatory Commission
Region III
Materials Licensing Branch
2443 Warrenville Road, Ste. 210
Lisle, IL 60532-4352
Attn: Vered Shaffer

Dear Ms. Shaffer,

As you requested, I am acknowledging that the documents submitted to you by our physicist, Vincent McCormick, in our application and supporting materials accurately reflect our operations and my desire to renew my NRC materials license #21-32550-01.

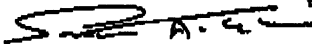
If you have any questions regarding these matters, I suggest you contact our physicist, Vincent McCormick, at 734-395-9323.

Thank you,

Sincerely,

Samir Elian, M.D.

Owner/Radiation Safety Officer



RECEIVED APR 08 2015

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ITEM 5

Radioactive Material Requested:

<u>Byproduct Material</u>	<u>Chemical / Physical Form</u>	<u>Quantity</u>
10CFR35.100	Any	As Needed
10CFR35.200	Any	As Needed

No PET radiopharmaceuticals are used by this facility.

ITEM 6

Purpose of Radioactive Material Use

The radioactive material will be used in the diagnosis and evaluation of disease.

ITEM 7

Person Responsible for the Radiation Safety Program

Samir Ellan, M.D.

Radiation Safety Officer on current license

Authorized User on this License: Samir Ellan, M.D.

AU on current license

ITEM 8

Radiation Safety Training

All individuals working in, or frequenting, restricted areas will receive initial radiation safety training and annual training thereafter.

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ITEM 9

Facility: See attached Diagram

Patient doses, as well as sealed sources, will be contained in lead shielded containers at all times when not in use.

The Hot lab is locked at all times when not under the control of the technologist or authorized user.

Other Radiation Safety Equipment:

Syringe Shields

L-shield dose drawing station

Lead pig for transport of radioactive doses.

Warning signs – "Caution, Radioactive Materials"

Radiation Monitoring Instruments

Radiation monitoring instruments will be calibrated by a person qualified to perform survey meter calibrations.

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.

Dose Calibrator and Other Dosage Measuring Equipment

Equipment used to measure dosages will be calibrated in accordance with nationally recognized standards or the manufacturer's instructions.

INSTRUMENTATION

Survey Meters:

- a. Manufacturer: Ludlum**
- b. Number of instruments available: 2**
- c. Model Number: 14C, EWGM**

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- d. Maximum range: 0. to 2000 mR/hr
- e. Minimum range: 0 to 0.2 mR/hr

Dose Calibrator:

- a. Manufacturer: CapIntec
- b. Model Number: CRC-15W
- c. Serial Number: 170522

Imaging Equipment:

- Gamma camera 1: Philips Cardio-MD
- Gamma Camera 2 (Mobile): Maicam 180

Well Counter:

- Manufacturer: CapIntec
- Model Number: CRC-15W
- Serial Number: 170522

Calibration of survey meters will be performed by Radiological Physics Service, Inc. 21-26253-01, or by another licensed service.

ITEM 10

Occupational Dose

The licensee provides personnel dosimetry devices to those meeting "criteria" in NUREG-1556, Volume 9, Rev. 2.

Area Surveys

We have developed and maintain written procedures for area surveys in accordance with 10 CFR 20.1101 that meet the requirements of IOCFR 20.1501 and 10CFR 35.70.

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Safe Use of Unsealed Licensed Material

We have developed and maintain written procedures for the safe use of unsealed byproduct material that meet the requirements of 10 CFR 20.1101 and 10 CFR 20.1301.

Spill Procedures

We have developed and maintain written procedures for the safe response to spills of licensed material in accordance with 10 CFR 20.1101.

ITEM 11

Waste Management

We have developed and maintain written waste disposal procedures for licensed material in accordance with 10 CFR 20.1101, that also meet the requirements of the applicable section of Subpart K to 10 CFR Part 20 and 10 CFR 35.92.

1. Radioactive materials are delivered to the stationary site at 4455 Town Center Drive or to the trailer when a technologist is present.
2. The mobile service takes the radioactive material and imaging camera into the doctor's offices. After the studies are completed and all radioactive materials are removed from the office, the doctor's office is surveyed with a GM meter and wipes performed.
3. The licensee has developed and implemented and maintained written procedures for area surveys in accordance with 10CFR20.1101 that meet the requirements of 10CFR20.1501 and 10CFR35.70.
4. No PET radiopharmaceuticals are used by this company.