



Clinical & Interventional Cardiology
Peripheral Vascular Disease & Interventions
G-1386 South Linden Road, Flint, Michigan 48532-4185
Office Phone (810) 720-7167 Fax (810) 720-7172 Toll Free (877) 844-3278

June 28, 2019

United States Nuclear Regulatory Commission
Region III, Materials Licensing
2443 Warrenville Road, Ste 210
Lisle, IL 60532-43521

Re: Amendment to NRC License # 21-32110-01

Dear Sir/Madam:

The purpose of this letter is to amend our current NRC license to reflect the following changes. We are requesting a Transfer of Control amendment, and new tax identification number. Please find the information pertaining to both matters enclosed.

Item #1: We are requesting a transfer of control of Michigan Cardiology, P.C. to Heart Rhythm Clinic of Michigan. We have included the required information for this transfer for your review. Our name and ownership is changing, but the location will remain the same.

Item #2: The new tax identification number is [REDACTED]


Item #3: Please remove authorized users Karen Haddlesey, M.D., Ramin Behjatnia, D.O., James Carl, M.D., and Nader Mohtadi, M.D. from this license.


Item #4: Please add authorized users Hamid Sattar, M.D. and Tahir Mohamed, M.D. for 35.100 and 35.200 use. They are currently authorized users on ARK Cardiovascular and Arrhythmia Center, PLC, license # 21-35069-01.

Item #5: The Radiation Safety Officer will remain as Julie Dinkins, CNMT. We have enclosed the Declaration of Authority.

We appreciate your assistance with this amendment. If you have any questions or require additional information, please contact our medical physics consultant, Laura Luna at 734-662-3197, or if inquiring about specifics to the sale contact Ashok Kondur, M.D. at 248-946-1551.

Respectfully Yours,

 712119
Richard Hennig, D.O.
CEO
Michigan Cardiology, P.C.


Mustafa Mahmoud Hassan, M.D.
CEO
Heart Rhythm Clinic of Michigan



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**TRANSFER OF CONTROL
PER INFORMATION APPENDIX G, NUREG-1556, VOL. 15**

1. The building and all assets pertaining to the nuclear medicine department (imaging equipment, measuring equipment, exercise equipment and sealed sources) have been purchased from Richard Hennig, D.O. of Michigan Cardiology, P.C. by Mustafa Mahmoud Hassan, M.D. of Heart Rhythm Clinic of Michigan. The new name of the practice is changing to Heart Rhythm Clinic of Michigan. Control of these assets will be given to Heart Rhythm Clinic of Michigan by Michigan Cardiology, P.C. on August 6, 2019.
2. The new CEO will be Mustafa Mahmoud Hassan, M.D., authorized users will change to Hamid Sattar, M.D. and Tahir Mohamed, M.D. They are all currently authorized users on ARK Cardiovascular and Arrhythmia Center, PLC, license # 21-35069-01. The Radiation Safety Officer will remain Julie Dinkins, CNMT. Please find the enclosed Declaration of Authority.
3. Mustafa Mahmoud Hassan, M.D. has purchased and will obtain possession of the building, nuclear medicine camera, radioactive materials, sealed sources and radiation safety equipment on August 6, 2019. The location will remain the same, G-1386 S. Linden Road, Flint, MI 48532.
4. All required documents and records are currently kept in accordance with the NRC license condition. These include, but are not limited to, the annual calibration of survey instruments, semi-annual leak testing on non-exempt sealed radioactive sources, radiation monitoring and personnel exposure monitoring reports. Radiation monitoring is performed on a daily basis for acceptable radiation levels and weekly for removable contamination. The last patient of Michigan Cardiology, P.C. will be performed on July 10, 2019. Patients will resume under Heart Rhythm Clinic of Michigan on August 6, 2019.

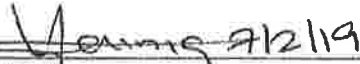
The areas of storage, preparation, handling, and administration of radioactive materials are surveyed daily for acceptable radiation levels and weekly for removable contamination. If contamination of these areas is detected during these daily or weekly surveys, decontamination is undertaken and completed at that time. We have enclosed a diagram of the department. Please notify us if you would like the daily surveys and weekly wipes from July 10, 2019 forwarded to you.


5. Due to the small quantities and short half-lives of the unsealed radioactive materials, which we use, we are exempt from showing financial assurance for decommissioning. We do not use any unsealed radioactive materials with a half-life greater than 60 days, we do not dispose of any radioactive material into the sewer, and there are no open inspection items.
6. All parties involved with the transfer are aware and agree to the planned transfer of ownership. Please see the enclosed, signed agreement page.

AGREEMENT TO NRC LICENSE CONDITIONS

We hereby agree, as the management of Heart Rhythm Clinic of Michigan, to all of the constraints, conditions, requirements, and commitments identified in the existing Nuclear Regulatory Commission license # 21-32110-01 for Michigan Cardiology, P.C.

Signed:


Richard Hennig, D.O., CEO
Michigan Cardiology, P.C.


Mustafa Mahmoud Hassan, M.D.
Heart Rhythm Clinic of Michigan

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Flint, MI 48532



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**RSO / EXECUTIVE MANAGEMENT
DECLARATION OF AUTHORITY**

June 28, 2019

Julie Dinkins, C.N.M.T.
MICHIGAN CARDIOLOGY, P.C.
G-1386 S. Linden Road
Flint, MI 48532

Re: Radiation Safety Officer / Executive Management
Letter of Understanding

Dear Mustafa Mahmoud Hassan,

As the appointed Radiation Safety Officer (RSO) of this facility for our United States Nuclear Regulatory Commission Materials License, this "Letter of Understanding" is prepared to comply with Title 10 Code of Federal Regulations (CFR) Part 35.24(b). This section of the regulations requires that you agree in writing to the following:

- Assume responsibility for implementing the Radiation Protection Program
- Ensure that radiation safety activities are being performed in accordance with our own approved procedures and all regulatory requirements.

Furthermore, in compliance with 10 CFR 35.24(e), (g), the executive management of this facility agrees to provide you as RSO:

- Specific written notation of your authority, duties and responsibilities.
- Sufficient authority, organizational freedom, time, resources and management prerogative to:
 1. Identify radiation safety problems;
 2. Initiate, recommend, or provide corrective actions;
 3. Stop unsafe operations; and,
 4. Verify implementation of corrective actions.

Our signatures noted below will attest to the issues noted above. Please make a copy of this document for your files and return the original to my attention.

Sincerely,

Mustafa Mahmoud Hassan, M.D.
CEO
Heart Rhythm Clinic of Michigan

Julie Dinkins, C.N.M.T.
Radiation Safety Officer
Heart Rhythm Clinic of Michigan

Song, Taehoon

From: Gryglak, Magdalena
Sent: Thursday, August 01, 2019 9:02 AM
To: Song, Taehoon; Pavon, Sandy
Cc: Tomczak, Tammy
Subject: FW: Michigan Cardiology, PC notification - Transfer of Control [Redacted copy]
Attachments: NRC License Amendment.pdf

Good morning,

Please place the attached document in ADAMS:

Michigan Cardiology, P.C.
21-32110-01
030-34796
CN 612720

Thank you
Magdalena

From: Julie Dinkins <juliedinkins@gmail.com>
Sent: Tuesday, July 30, 2019 1:37 PM
To: Gryglak, Magdalena <Magdalena.Gryglak@nrc.gov>
Cc: Laurie Luna. Medical Physicist <lluna@mpcphysics.com>; Dr. Hassan <Mhassan@hrcmichigan.com>
Subject: [External_Sender] Michigan Cardiology, PC notification - Transfer of Control [Redacted copy]

Dear Madam:

Attached is a copy of the letter you requested with the information redacted.

Also, the name of Dr. Mustafa Hassan has never been associated with any NRC license.

Julie Dinkins, CNMT, RSO mobile number: (810) 577-5413
Email address: juliedinkins@gmail.com

Please let me know if I can be of further service.

Julie Dinkins