



WEST MICHIGAN
CARDIOLOGY

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Big Rapids
20095 Gilbert Rd.
Big Rapids, MI 49307
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October 18, 2023

UNITED STATES NUCLEAR REGULATORY COMMISSION
Region III, Materials Licensing Section
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Re: Amendment to West Michigan Cardiology, P.C. (License No. 21-32147-01)

Please amend our license to remove the location at 743 E. Beltline N.E., Grand Rapids, MI. The last date of use of radioactive materials was June 22, 2023. The enclosed close out survey was performed on July 12, 2023. If you have any questions or require additional information, please contact our nuclear medicine technologist, Kevin Johnson at 616-456-9553 or by email at kevin.johnson@wmccardiology.com or our physicist, Dawn Edwards at 734-662-3197 or by e-mail at dedwards@mpcphysics.com.

Sincerely,

Dr. H. P. Singh MD

Owner
Executive Management

Closeout Survey

West Michigan Cardiology, P.C.
743 East Beltline Ave., NE
Grand Rapids, MI 49525

Date Performed: July 12, 2023

Performed By: Kevin Johnson, CNMT

A close out of all radioactive use areas was performed.

Wipe tests were analyzed with a Caprac t Well Counter, serial number 010827. The efficiency factor is 1.23 dpm/cpm and the MDA is 38 dpm. The action level for wipe test results was 1000 dpm/100 cm².

Surveys were performed using a Ludlum 14C survey meter, serial number 155491. The meter was last calibrated on November 10, 2022. The range used was 0-0.2 mR/hr and the action level for exposure rate surveys was 0.1 mR/hr.

Visual Check

The room was checked to verify no radioactive materials remained. Only Tc-99m radiopharmaceuticals were used at this address. The last date of receipt of radiopharmaceuticals was June 22, 2023. All sealed sources were transferred to our office at 3210 Eagle Run Drive, N.E., Grand Rapids, MI 49525. There is no history of any leaking sources. The most recent sealed source leak test is enclosed.

Radiation Level Survey

No area demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

Removable Contamination

1 minute counts

Background 414 cpm, 0 dpm

Area Results in dpm

A diagram of the survey area is enclosed.

Wipe test results:

Area	Result (dpm)	Area	Result (dpm)	Area	Result (dpm)
1	0	8	0	15	0
2	0	9	0	16	0
3	0	10	0	17	0
4	54	11	6	18	0
5	0	12	0	19	0
6	0	13	0	20	0
7	0	14	0	21	0

Maximum removable contamination: 54 dpm

Conclusion

No removable contamination is present.

Martha Pavon

From: Tammy Tomczak
Sent: Wednesday, November 1, 2023 1:41 PM
To: Martha Pavon
Cc: Sandy Pavon
Subject: FW: Amendment License No: 21-32147-01
Attachments: processed-D477E3ED-000F-4B29-A14C-085ABC1C31AC-414C7D77-9D80-4715-BA28-E798AEB7A4F8.jpeg; processed-B0721B1D-5D1C-486B-A29B-777181728935-9D922CF6-5071-4535-938E-2AB69D0463BC.jpeg; processed-B71148EB-BE54-4D46-9D9B-D9AAFBB83861-8DA5F486-6D15-48EB-9B2F-1D33096E5F40.jpeg; processed-CD48A522-D303-4B9C-808E-CB7A36AB7DA0-75BF6764-6FF6-4D36-BDF9-BD169CAEE994.jpeg

Good morning, Martha 😊

Can you please add the attached to ADAMS?

Thank you!!
Tammy

From: Kevin Johnson <kjohnsoncnmt@outlook.com>
Sent: Wednesday, November 1, 2023 1:35 PM
To: R3-DRSSMail Resource <R3-DRSSMail.Resource@nrc.gov>
Cc: dedwards@mpcphysics.com; kevin.johnson@wmcardiology.com
Subject: [External_Sender] Amendment License No: 21-32147-01

Good Afternoon,

Please find attached documents for an amendment to our license.

Thanks,
Kevin Johnson CNMT

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