NRC FORM 591M PART 1 U.S. NUCLEAR REGULATORY COMMISSION (07-2012) 10 CFR 2.201 SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
1. LICENSEE/LOCATION INSPECTED:			2. NRC/REGIONAL OFFICE					
Antoine M. Adem, M.D. 1439 US Hwy 61 Suite A Festus, MO 63028 Location Inspected 513 W Pine St., Farmington, MO 63640			Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352					
REPORT NUMBER(S) 2022001			<u> </u>					
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)		5. DATE(S) OF INSPECT	ION			
030-37184		24-32613-01		January 20, 2022				
Regulatory Commissi procedures and repre  1. Based on  2. Previous v  3. The violat non-repeti	n examination of the activities conduct on (NRC) rules and regulations and the sentative records, interviews with persentative records, interviews with persentative records, interviews with persentative records, interviews with persentation (s) closed.  ions(s), specifically described to you be itive, and corrective action was or is began to the persentation of th	e conditions of you connel, and observativere identified.  The inspector as reing taken, and the	r license. The inspection consiste ations by the inspector. The inspections by the inspector. The inspection concited violations, are not being remaining criteria in the NRC Enf	ed of selective examina ection findings are as fo cited because they we	tions of Ilows: re self-identified,			
cited in ac with 10 CI	s inspection, certain of your activities, accordance with NRC Enforcement Polic FR 19.11. s and Corrective Actions)							
Statement of Corrective Actions  I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.								
TITLE	PRINTED NAME		SIGNATURE	. ,	DATE			
LICENSEE'S REPRESENTATIVE								
NRC INSPECTOR	Luis Nieves Folch	Lu	is A. Nieves Folch Date: 2022.01.31 09:53:16-06'00'					
BRANCH CHIEF	Michael Kunowski	M	lichael A. Kunowski Digitally signed by Michael A. Kunowski					

NRC FORM 592M (10-2020)				U.S. NU	CLEAR REGULATORY COMMISSION				
Materials Inspection Record									
1. Licensee Name:	2. Docket Num	mber(s):		3. Licens	3. License Number(s)				
Antoine M. Adem, M.D. 030-3718			4		24-32613-01				
4. Report Number(s):	5. Date(s) of Inspection:								
2022001	January 20, 2022								
6. Inspector(s):			7. Program Code(s):		9. Inspection Guidance Used:				
Luis Nieves		02201		5	87130				
10. Licensee Contact Name(s): 11. License	ee E-mail Address:			12. Licensee T	elephone Number(s):				
Azamuddin Khaja, M.D., RSO adamt@	damt@mwcardiovascular.com		om	636-931-7101					
13. Inspection Type: Initial 14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):							
✓ Routine ✓ Announced Main Office ✓ Fiel			Office January 20, 2027 Normal Extended						
Non-Routine Unannounced Temporary	Temporary Job Site Remote		Reduced No change						
16. Scope and Observations:  This was an announced, routine inspection of a clinic authorized by its NRC license to use unsealed byproduct material for diagnostic procedures under 10 CFR 35.200 at two locations. At Farmington, Missouri, the licensee performed only cardiac studies, using unit doses of Tc-99m from a local radiopharmacy. The nuclear medicine department was staffed with one full-time nuclear medicine technologist (NMT) and performed approximately four procedures per day. The licensee has one hot lab at the clinic that operates from Mondays to Thursdays. The licensee retains a consultant health physicist to perform annual audits of the radiation safety program and calibrations. The Festus (Crystal City), Missouri location operates from Tuesdays to Fridays.  PERFOMANCE OBSERVATIONS  The inspector conducted a tour of the nuclear medicine hot lab and discussed with a NMT package receipt, surveys, and instrument quality control checks. The inspector observed the preparation and administration of one heart rest test. The NMT demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed audit reports, instrument quality control, area survey, inventory, dose calibrator linearity and accuracy, leak tests, waste disposal records, and training. The inspector also reviewed monthly dosimetry reports which indicated annual whole-body and extremity doses were below regulatory limits.  No violations of NRC requirements were identified as a result of this inspection									

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From: Nieves Folch, Luis

To: adamt@mwcardiovascular.com
Subject: Antoine M. Adem 591M NRC report
Date: Wednesday, February 2, 2022 8:49:00 AM

Attachments: Antoine Adem 591M(2)mk.pdf

## Dear Mr. Khaja

Attach is the clear 591 report for the inspection conducted on January 20, 2022. At this point there is no further actions on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <a href="http://www.nrc.gov/reading-rm/adams.html">http://www.nrc.gov/reading-rm/adams.html</a>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves Health Physicist U.S. Nuclear Regulatory Commission Division of Nuclear Materials Safety Office: (630) 829-9571

Fax: (630) 515-1259