



Materials Inspection Record

1. Licensee Name: Antoine M. Adem, M.D.		2. Docket Number(s): 030-37184		3. License Number(s) 24-32613-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: January 20, 2022		
6. Inspector(s): Luis Nieves		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: 87130	
10. Licensee Contact Name(s): Azamuddin Khaja, M.D., RSO		11. Licensee E-mail Address: adamt@mwc cardiovascular.com		12. Licensee Telephone Number(s): 636-931-7101	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		January 20, 2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> 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.

PERFORMANCE 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

From: [Nieves Folch, Luis](#)
To: adamt@mwc cardiovascular.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 <http://www.nrc.gov/reading-rm/adams.html>. Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
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