

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Missouri Cardiovascular Specialists, LLP d/b/a Missouri Heart Center
1605 E. Broadway, Broadway Plaza II, Suite 300, Columbia, MO 65201

REPORT NUMBER(S) 2021-01

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38782

4. LICENSE NUMBER(S)

24-35185-01

5. DATE(S) OF INSPECTION

7/27-8/16/2021

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

_____ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations 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	Afton Miller		
NRC INSPECTOR	Robert G. Gattone, Jr.	Robert G. Gattone	Digitally signed by Robert G. Gattone Date: 2021.08.17 07:55:57 -05'00'
BRANCH CHIEF	Mike Kunowski	Michael A. Kunowski	Digitally signed by Michael A. Kunowski Date: 2021.08.18 14:25:20 -05'00'



Materials Inspection Record

1. Licensee Name: Missouri Cardiovascular Specialists, LLP		2. Docket Number(s): 030-38782		3. License Number(s) 24-35185-01	
4. Report Number(s): 2021-01			5. Date(s) of Inspection: 7/27-8/16/2021		
6. Inspector(s): Bob Gattone		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Afton Miller & John B. Baird M.D., RSO		11. Licensee E-mail Address: aftonm@moheartcenter.com		12. Licensee Telephone Number(s): Cell: 573-881-5257 Office: 660-395-8914	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		07/27/2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

"PROGRAM SCOPE and ORGANIZATION" NEW as of 8/3/21:

This is an outpatient medical facility authorized under NRC license to use byproduct materials for medical uses permitted by 10 CFR 35.200. The nuclear medicine department work hours were from 8:00AM-5:00PM, five days per month, predominantly on Tuesdays (secondary day is Wednesdays). The nuclear medicine department was staffed with one part-time nuclear medicine technologist (NMT) who performed an average of six to eight diagnostic nuclear medicine procedures per scheduled day. Doses were primarily technetium-99m for cardiac stress test studies. The licensee received unit doses from a licensed radiopharmacy.

The inspector: (1) observed Records for Area Monitoring Report: mR/hr. and there were no issues; (2) observed a Patient Draw Dose Report: Sestamibi Tc-99m and there were no issues; (3) observed a record "In-House Disposal Line Report for sharps with Tc-99m and hot garbage Tc-99m and surveys in mR/hr and no issues with radioactive trash and there were no issues; (4) observed a photo showing two Model 14C survey meters and the next calibration next due date on 11/09/2021 and there were no issues; (5) observed a record showing a dose calibrator: Model CRC-55TW Capintec Serial No.: 560415 and there were no issues; (6) observed a record showing weekly area report wipe results: DPM and there were no issues; (7) observed a photo showing a hot lab door with a lock and a posted sign stating: "Caution Radioactive Materials" and there were no issues; (8) observed a photo showing the hot lab with an L-block and a dose calibrator and leaded sharps shield for radioactive materials and there were no issues; (9) observed a photo showing the hot lab with leaded containers for unsealed radioactive materials in syringes for unit dosages, and the hot lab had adsorption pads to prevent contamination from unsealed radioactive materials; and there were no issues; (10) observed a photo showing posting: "NRC Form 3 and there no issues; (11) observed records for Radiation Safety and Emergency Procedures and safe use of unsealed radioactive materials, including proper PPE and there were no issues; (12) observed a response procedure for minor radioactive materials spills and there were no issues; (13) observed a posted response procedure for major unsealed radioactive materials spills and there were no issues; (14) observed a record posted stating "Reporting of Defects and Non-compliances" and there were no issues; (15) observed a record showing "Procedure for Off-Duty Hours Delivery of Radioactive Material Packages" and there were no issues; (16) observed a record showing Calicheck Kit Calibration and there were no issues; (17) observed a photo showing syringe shields and there were no issues; (18) observed a photo showing an NMT with the proper PPE and there were no issues; (19) observed certificates showing completion of HazMat training and there were no issues; and (20) observed records of annual audits of the radiation protection program (10 CFR 20.1101(c)) for 2015-2021. Within of this scope of this remote inspection there were no violations identified.