



Materials Inspection Record

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| 1. Licensee Name: Doctors Diagnostic Center | | 2. Docket Number(s): 030-34275 | | 3. License Number(s) 21-26766-01 | |
| 4. Report Number(s): 2022-001 | | | 5. Date(s) of Inspection: March 31, 2022 | | |
| 6. Inspector(s): Ryan Craffey | | 7. Program Code(s): 02201 | 8. Priority: 5 | 9. Inspection Guidance Used: IP 87130 | |
| 10. Licensee Contact Name(s): Cari Dzanbazoff - Consultant | | 11. Licensee E-mail Address: cdzanbazoff@mpcphysics.com | | 12. Licensee Telephone Number(s): 734-662-3197 | |
| 13. Inspection Type: <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced | | 14. Locations Inspected: <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote | | 15. Next Inspection Date (MM/DD/YYYY): 03/31/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change | |

16. Scope and Observations:

This was a private medical clinic in Sterling Heights, Michigan, authorized to perform diagnostic administrations of radiopharmaceuticals. At the time of the inspection, one part-time nuclear medicine technologist performed 6-8 diagnostic administrations per day, Monday through Thursday, using unit doses from a licensed radiopharmacy. The clinic primarily performed myocardial perfusion imaging (cardiac stress tests). The remainder included a variety of general nuclear medicine studies, notably thyroid uptake scans using I-131 capsules under 30 microcuries. The licensee retained the services of a medical physics consultant to perform instrument calibrations and quarterly audits of the radiation safety program.

The inspector toured the practice in Sterling Heights. Restricted areas were properly posted, and all licensed material was adequately secured. The inspector observed two cardiac stress tests using Tc-99m as well as demonstrations of receiving packages of hazardous material and area surveys, and found the technologist to be knowledgeable of radiation protection principles and regulatory requirements. The inspector also noted the use of adequate ALARA practices, all required personnel dosimetry, and calibrated and operable radiation detection instruments. The inspector conducted independent and confirmatory surveys of the nuclear medicine department and found no residual contamination or exposures to members of the public above regulatory limits.

The inspector reviewed a selection of records related to the radiation safety program, including quarterly consultant audits, dose calibrator and well chamber quality control checks, sealed source inventories, leak test results and transfer records, documentation of package receipt and area surveys, decay-in-storage waste handling records, and personnel dosimetry reports.

No violations of NRC requirements were identified as a result of this inspection.