



### Materials Inspection Record

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| 1. Licensee Name:<br>Heart Care  |  | 2. Docket Number(s):<br>030-30281  |   | 3. License Number(s)<br>21-25851-01  |  |
| 4. Report Number(s):<br>2022-001   |  |  | 5. Date(s) of Inspection:<br>March 21, 2022 |  |  |
| 6. Inspector(s):<br>Ryan Craffey   |  | 7. Program Code(s):<br>02201   | 8. Priority:<br>5                           | 9. Inspection Guidance Used:<br>IP 87130   |  |
| 10. Licensee Contact Name(s):<br>Shelli Kritzman - Consultant  |  | 11. Licensee E-mail Address:<br>mkritzman@mpcphysics.com   |   | 12. Licensee Telephone Number(s):<br>734-662-3197  |  |
| 13. Inspection Type:   |  | 14. Locations Inspected:   |   | 15. Next Inspection Date (MM/DD/YYYY):   |  |
| <input type="checkbox"/> Initial<br><input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced<br><input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced |  | <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office<br><input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote |   | 03/21/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended<br><input type="checkbox"/> Reduced <input type="checkbox"/> No change |  |

16. Scope and Observations:

This was a private cardiology practice in Waterford, Michigan, authorized to perform diagnostic administrations of radiopharmaceuticals. At the time of the inspection, one of two part-time nuclear medicine technologists performed 1-4 diagnostic administrations per day, Monday through Thursday, using unit doses from a licensed radiopharmacy. 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 Waterford. All areas were properly posted, and all licensed material was adequately secured. The inspector observed three cardiac stress tests using Tc-99m, 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 exposures to members of the public above regulatory limits. The inspector did find elevated radiation levels in the contents of a trash can not designated as radioactive waste; however, while observing demonstrations of area surveys immediately thereafter, the technologist independently located the hot item (either a discarded glove or its contents) and, after disposing of the can's contents via decay-in-storage, confirmed that all trash cans in the department were surveyed at the end of each day regardless of whether it was designated for radioactive waste.

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, survey meter calibrations, and personnel dosimetry reports.

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