



Materials Inspection Record

1. Licensee Name: Beaumont Hospital Trenton		2. Docket Number(s): 030-11427		3. License Number(s) 21-16656-01	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: April 20, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 02120		8. Priority: 3	9. Inspection Guidance Used: IP 87131
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): 04/20/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

Beaumont Hospital Trenton was a 193-bed general hospital and Level II trauma center in Trenton, Michigan, authorized to perform diagnostic and therapeutic administrations of radiopharmaceuticals at two locations on the premises. At the time of the inspection, the licensee regularly staffed its nuclear medicine department with four technologists on weekdays to perform 8-16 diagnostic administrations daily, using unit doses and occasional bulk doses from a licensed radiopharmacy. Although authorized to perform licensed at the hospital's Breast Care Center (5400 Fort St., Suite 170), the licensee has not done so since the previous inspection, nor has it administered any therapeutic radiopharmaceuticals at either location. The licensee retained the services of a medical physics consultant, and maintained an RSC which met quarterly.

The inspector toured the hospital in Trenton. All areas were properly posted, and all licensed material was adequately secured. The inspector conducted independent and confirmatory surveys of the nuclear medicine department and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed three cardiac stress tests and a gastric emptying study using unit doses of Tc-99m radiopharmaceuticals, as well as the receipt of packages containing licensed material and demonstrations of area surveys. The inspector found the technologists to be knowledgeable of radiation protection principles and regulatory requirements, and noted the use of adequate ALARA practices, all required personnel dosimetry, as well as calibrated and operable radiation detection instruments.

The inspector reviewed a selection of records related to the radiation safety program, including quarterly consultant audits, dose calibrator and well counter quality control tests, sealed source inventories, leak test results, and transfer records, one report of a minor spill since the last routine inspection, area survey results, hazmat training materials, and personnel dosimetry reports.

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