



### Materials Inspection Record

1. Licensee Name: Beaumont Hospital - Wayne		2. Docket Number(s): 030-02099		3. License Number(s) 21-11457-02	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: March 1, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 02121	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 type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office		03/01/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
<input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote			

16. Scope and Observations:

Beaumont Hospital - Wayne was a 99-bed general hospital and Level III trauma center in Wayne, Michigan, authorized to performed diagnostic administrations of radiopharmaceuticals. At the time of the inspection, two full-time nuclear medicine technologists performed around four diagnostic administrations of unit doses daily, using unit doses from a licensed radiopharmacy. The hospital retained the services of a medical physics consultant to perform instrument calibrations and quarterly audits of the radiation safety program. The hospital also retained the services of a mobile nuclear medicine service provider (Michigan Mobile PET Imaging, 030-38251) to perform diagnostic administrations of positron-emitting radiopharmaceuticals on Tuesday afternoons and all day on Thursdays.

The inspector toured the hospital in Wayne. 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 two cardiac stress tests and a MUGA scan using unit doses of Tc-99m radiopharmaceuticals, as well as demonstrations of receiving packages containing licensed material. 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 and leak test results, source transfer records, area survey results, decay-in-storage waste-handling records, hazmat training materials, and personnel dosimetry reports.

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