



## Materials Inspection Record

1. Licensee Name: Alliance HealthCare Services, Inc.		2. Docket Number(s): 030-35774		3. License Number(s) 47-25570-01	
4. Report Number(s): 2021-001			5. Date(s) of Inspection: June 7, 2021		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 02220		8. Priority: 3	9. Inspection Guidance Used: 87130
10. Licensee Contact Name(s): Kay Kassel - RSO		11. Licensee E-mail Address: kkassel@alliancehealthcareservices-us.com		12. Licensee Telephone Number(s): 561-701-1311	
13. Inspection Type: <input type="checkbox"/> Initial <input type="checkbox"/> Routine <input type="checkbox"/> Announced <input checked="" type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): <input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

## 16. Scope and Observations:

This was an unannounced field inspection of a mobile nuclear medicine service provider that operated numerous PET/CT imaging trailers at temporary job sites throughout NRC jurisdiction. The scope of this inspection was limited to observations of licensed activities conducted on trailer #196, stationed at the time of the inspection on Monday evenings at Sparrow Ionia Hospital in Ionia, Michigan.

The inspector was already on the premises of Sparrow Ionia Hospital performing a routine inspection of activities under Sparrow's license (030-02009) when the Alliance trailer and the principal assigned technologist arrived on the premises to begin setting up for PET scans that evening. After concluding inspection activities at Sparrow, the inspector joined the Alliance staff to observe their preparation of the trailer. The inspector observed the delivery and receipt of packages containing F-18 FDG unit doses and confirmed that the radiopharmacy's courier only delivered doses if and when the technologist was there to receive them. The inspector also observed instrument quality control checks and performed area surveys of the trailer with doses in storage. The inspector observed the administration of one PET scan, noting the use of adequate ALARA practices, required dosimetry, and personal protective equipment, and performed additional area surveys in and around the trailer with the patient present; no exposures in excess of regulatory limits to members of the public were noted.

The inspector interviewed the assigned primary technologist, assisting technologist, and area manager who arrived shortly thereafter to discuss the safe use of licensed material and oversight of the program. All individuals were knowledgeable of radiation protection principles and regulatory requirements. The inspector confirmed that the licensee had a written and signed agreement with Sparrow Ionia per 10 CFR 35.80(a), and reviewed the most recent medical physics consultant audit of the trailer (March 2021).

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