



Materials Inspection Report

1. Licensee/Location Inspected: Insight Health Corp. d/b/a RAYUS Radiology 5775 Wayzata Blvd. STE. 400 Minneapolis, MN 55416 (main office and job site in Wierton, WV) Report Number(s) 2022001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-38590	4. License Number(s) 22-29403-01	5. Date(s) of Inspection 4/7/22 through 7/18/22
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LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

1. Based on the inspection findings, no violations were identified.

2. Previous violation(s) closed.

3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

(NMED 210417 - Closed)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Jason Draper, Health Physicist	Jason D. Draper <small>Digitally signed by Jason D. Draper Date: 2022.07.22 10:47:47 -05'00'</small>
BRANCH CHIEF		Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2022.08.03 10:47:11 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Insight Health Corp.		2. Docket Number(s): 030-38590		3. License Number(s) 22-29403-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: April 7, 2022, with in-office review through July 18, 2022		
6. Inspector(s): Jason Draper		7. Program Code(s): 02220	8. Priority: 3	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Emily Chasteen, M.S., RSO		11. Licensee E-mail Address: emily.chasteen@westphysics.com		12. Licensee Telephone Number(s): (404) 276-8173	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office		04/07/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended	
<input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		<input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, remote routine inspection of a mobile nuclear medicine service authorized to provide imaging services, in accordance with 10 CFR 35.200, at temporary job sites anywhere in NRC jurisdiction. At the time of the inspection the licensee operated mobile PET/CT coaches approximately weekly at five locations in Connecticut and West Virginia. The licensee was based out of Minnesota and contracted with West Physics for their Radiation Safety Officer and medical physics consultant.

During the remote inspection, the inspector reviewed the corporate oversight of the licensee's temporary job site activities in NRC jurisdiction, including interviewing the RSO, Area Operations Managers, and Vice Presidents regarding the operation and transportation of PET/CT coaches in various areas of NRC jurisdiction. The inspector also reviewed a selection of records including memoranda of understanding with the licensee's mobile medical service clients, dosimetry records, and audits of licensed activities in NRC jurisdiction.

The inspector also reviewed the circumstances surrounding Event Notification (EN) 55488 (NMED 210417) involving the loss of two Ge-86 (Siemens Model LS, SNs 29781 and 29782) line sources used for calibration of the PET/CT camera. Based on the inspector's review, the licensed calibration sources were transferred from an Insight Health Corp agreement state reciprocity license to a non-licensee (trailer servicing company) in Indiana--where the licensee determined they were lost--and therefore were never possessed under the company's NRC license. Additionally, since the NRC license only authorized possession and use at temporary job sites, possession at this non-licensee's facility would not have been authorized anyway. The agreement state from which this trailer was transferred has been informed of this matter. The NRC considers NMED 210417 closed.

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



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1. Licensee Name: Insight Health Corp.		2. Docket Number(s): 030-38590		3. License Number(s) 22-29403-01	
4. Report Number(s): 2022001			5. Date(s) of Inspection: 04/08/2022		
6. Inspector(s): Patrick-John Hann / Jonathan Pfingsten		7. Program Code(s): 02220	8. Priority: 3	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Emily Chasteen, M.S., RSO		11. Licensee E-mail Address: emily.chasteen@westphysics.com		12. Licensee Telephone Number(s): (404) 276-8173	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input checked="" type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		04/07/2025 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, routine field inspection of a mobile nuclear medical service licensee conducting imaging with PET materials. The scope of this inspection was limited to the conduct of licensed activities at Weirton Medical Center in Weirton, WV. The licensee averages roughly 5 studies each Friday at this location with the first patient arriving at 0830. The medical physics consultant for the licensee is West Physics.

The inspectors observed the licensee performing a number of tasks including morning instrument QC, package receipt, wipe tests, dose preparation and injection, patient interactions (communication and verification of identity), imaging, waste disposal, record keeping, and material security practices. The NMTs demonstrated practices consistent with ALARA and regulatory requirements and were knowledgeable of the licensee's operating, emergency, and security procedures.

Radiopharmaceuticals in the form of unit doses are delivered to the hot lab by PETNET out of Ohio. All doses are assayed prior to administration. Whole body and extremity dosimetry is provided by Landauer and is exchanged monthly. The licensee's current inventory of sealed sources include one Cs-137 rod source, one Cs-137 vial source, two Cs-137 button sources, one Ge-68 phantom source, and two Ge-68 pins.

Independent surveys by the inspectors identified that the dose rates external to the mobile unit exceeded the assumptions and measurements contained in the licensee's tiedowns. Specifically, the maximum measured dose rate on the exterior of the unit was approximately 10mrem/hr; at one foot in accessible areas at a person's head, the measured dose rate exceeded 2mrem/hr. The licensee added additional controls on one side of the trailer to limit access by members of the public; the other side and rear of the truck were controlled prior to the inspector's conducting independent measurements.

The inspectors reviewed the following documentation: semi-annual audits, annual program review, dosimetry, instrument calibrations, surveys, leak tests, inventories, and training records.

The inspectors did not identify any violations.

From: [Draper, Jason](#)
To: [Emily Chasteen](#)
Subject: NRC 591M - Insight Health Corp.
Date: Tuesday, August 9, 2022 10:32:00 AM
Attachments: [NRC 591M - Insight Health jdmk.pdf](#)
[NRC 592M - Insight Healthmk flat.pdf](#)
[NRC 592M - Insight Health \(Weirton\)mk flat.pdf](#)

Emily,

As we discussed following my inspection, attached is the inspection report for the remote routine NRC inspection that was performed of your licensed activities in NRC jurisdiction as well as at your job site in Weirton, West Virginia, on April 8, 2022. Please review and keep this document for your records. There is no response required, though I would appreciate an email confirming that you have received the document. Let me know if you have any questions. For your information, I have also attached the inspection records for these inspection activities.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Jason Draper
Health Physicist (Inspector)
NRC / Region III / DNMS / MIB
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