

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Diagnostic Imaging Centers, P.A. 6650 W 110th St. Suite 200 Overland, KS 66211  REPORT NUMBER(S) 2021001	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)  030-38424	4. LICENSE NUMBER(S)  15-32819-01	5. DATE(S) OF INSPECTION  July 16, 2021
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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. 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, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and 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)

#### 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	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Zahid Sulaiman, Health Physicist	Zahid M. Sulaiman	Digitally signed by Zahid M. Sulaiman Date: 2021.07.27 11:12:43 -05'00'
BRANCH CHIEF	Michael Kunowski, Chief, MIB	Michael A. Kunowski	Digitally signed by Michael A. Kunowski Date: 2021.08.02 07:14:38 -05'00'



**Materials Inspection Record**

1. Licensee Name: Diagnostic Imaging Centers, P.A.		2. Docket Number(s): 030-38424		3. License Number(s) 15-32819-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: July 16, 2021		
6. Inspector(s): Zahid Sulaiman, Health Physicist		7. Program Code(s): 2200	8. Priority: 3	9. Inspection Guidance Used: 87131	
10. Licensee Contact Name(s): Chris Bowers, Dir of Compliance		11. Licensee E-mail Address: CBowers@dic-kc.com		12. Licensee Telephone Number(s): (816) 204-4923 Work Cell (913) 319-8495 Office	
13. Inspection Type: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input checked="" type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 07/16/2024 <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 remote routine inspection of an outpatient imaging provider authorized to use byproduct materials for medical purposes permitted by 10 CFR 35.100, 35.200, and 35.300. The licensee operated three medical clinics in the Kansas City, Missouri area. The inspector inspected the Independence, Missouri facility which was staffed with two full-time and a part-time nuclear medicine technologists (NMTs), who performed approximately 100 diagnostic doses monthly. The diagnostic administrations included a variety of imaging procedures using technetium-99m (Tc-99m), primarily gall bladder, bone scans, renal scans, MUGA, gastric emptying, and thyroid uptake using Iodine-131 (I-131). The Independence, MO clinic operates on Monday, Tuesday, Thursday, and Friday. The Kansas City, Missouri location operates only on Wednesdays and Thursdays, and the Lee's Summit, Missouri location operates on Tuesdays and Thursdays. The licensee had not performed any I-131 therapeutic procedures since the last inspection.

**PERFORMANCE OBSERVATIONS**

This inspection was conducted virtually through the Microsoft Team meeting and iPhone facetime, and consisted of interview with select licensee personnel, a review of select records, and an observation of security of the materials. Through Microsoft Team, the inspector observed the NMT conduct a physical inventory of sealed sources, and all sources were accounted for. The inspector had the NMT demonstrate and discuss the dose calibrator constancy check, package receipt procedures, the end of the day daily and weekly area surveys, proper handling of radioactive waste and disposal procedures, with no issue noted. Through these demonstrations and other discussion, the inspector found that the licensee personnel was knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements.

The inspector reviewed the following records: annual program evaluation, quarterly program audits, package receipts, waste disposal records, DOT Hazmat training, instrument calibration, sealed source leak tests and inventory, daily area surveys, and weekly wipe tests. The inspector reviewed dosimetry records for 2019 through January 14, 2021, indicating the maximum annual dose to be 49 mrem - DDE, and 164 mrem - SDE.

The inspector closed the previous violation of 10 CFR 20.1501(a), where licensee failed to make surveys to ensure compliance with 10 CFR 20.1906(b)(1), which requires licensees to monitor the external surfaces of a package for radioactive contamination. The inspector reviewed and confirmed the licensee's corrective action in which the licensee purchased the Capintec wipe test and well counter on September 15, 2017, that analyzes the required minimum detectable radioactive contamination level.

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