

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Diagnostic Health Services
2025-A Broadway Street
P.O. Box 1565
Mt. Vernon, IL 62864

LOCATIONS INSPECTED:
- SULLIVAN, IN
- CLINTON, IN

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-14235

4. LICENSE NUMBER(S)

12-13568-02

5. DATE(S) OF INSPECTION

APRIL 2ND, 2015

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:

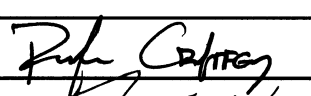
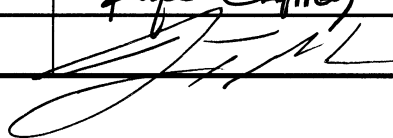
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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 | Ryan Craffey |  | 4/2/15 |
| BRANCH CHIEF | Aaron McCraw |  | 4/8/15 |

Docket File Information

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| 6. INSPECTION PROCEDURES USED 87131 | 7. INSPECTION FOCUS AREAS All |
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SUPPLEMENTAL INSPECTION INFORMATION

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|---------------------------------|----------------------|--|---|
| 1. PROGRAM CODE(S) 02220 | 2. PRIORITY 3 | 3. LICENSEE CONTACT William Gooch - RSO | 4. TELEPHONE NUMBER (314) 544-3536 |
|---------------------------------|----------------------|--|---|

Main Office Inspection Next Inspection Date: April 2018

Field Office Inspection Sullivan and Clinton, Indiana

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a nuclear medicine service provider authorized to use byproduct material for diagnostic procedures at four hospitals in southwest Indiana and at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee performed 24-28 procedures monthly at Sullivan Community Hospital (Sullivan, IN) on Mondays, Thursdays and Fridays; 13-20 procedures monthly at Union Hospital Clinton (Clinton, IN) on Mondays, Tuesdays and Thursdays; and a similar number of procedures at Greene County General Hospital (Linton, IN) on Tuesdays and Fridays. The licensee performed a variety of studies, typically in the mornings, using unit doses from nearby radiopharmacies. Although authorized to perform these activities at temporary job sites, the licensee had not done so since adding the four hospitals to the license. The licensee's RSO, based in St. Louis, Missouri, reviewed the content and implementation of the radiation safety program at each facility quarterly.

PERFORMANCE OBSERVATIONS

The inspector toured the Sullivan and Clinton facilities to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys of the clinic, and found not exposures to members of the public in excess of regulatory limits. At the Clinton location, the inspector observed the technologist identify, document and conduct remediation of residual contamination in the hot lab following preparation of a dose for camera quality control. The inspector was unable to observe the administration of any radiopharmaceuticals during the inspection. However, the licensee's staff was able to demonstrate the preparation and administration of such materials, in addition to implementation of licensee procedures for package receipt, instrument quality control, and waste handling. Through these demonstrations and other discussions, the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector reviewed a selection of related records, including documentation of package receipts, dose administrations, surveys, instrument quality control, sealed source inventories and leak tests, and training. The inspector also reviewed quarterly audits, incident reports, and monthly dosimetry reports.

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