

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Nuclear Diagnosis, Inc.
P.O. Box 3371
Springfield, MO 65808

REPORT NUMBER(S) 2016002

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-12966

4. LICENSE NUMBER(S)

24-17561-01

5. DATE(S) OF INSPECTION

December 20, 2016

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:

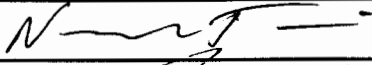
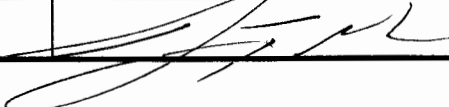
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Navid Tehrani		1/10/17
BRANCH CHIEF	Aaron McCraw		1/10/17

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02231	2. PRIORITY 2	3. LICENSEE CONTACT Charles Hillis, CNMT - RSO	4. TELEPHONE NUMBER (417) 831-6520
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Main Office Inspection Next Inspection Date: No Change

Field Office Inspection _____

Temporary Job Site Inspection 1502 North Jefferson Carrolton, MO 64663

PROGRAM SCOPE

This was an unannounced, routine inspection of a temporary job site at a 25-bed hospital. The licensee was authorized by the license to use any byproduct material as needed, for any study permitted by 10 CFR 35.100, 35.200, and 35.300 at the locations specified on the license.

The nuclear medicine department was staffed with one part-time nuclear medicine technologist (NMT). The licensee performed an average of 15 diagnostic studies on Mondays, Wednesdays, and Fridays. The nuclear medicine department received unit doses from a local nuclear pharmacy. The licensee did not use xenon-133 or molybdenum/technetium generators. Radioactive waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. The licensee performed primarily cardiac, bone, and thyroid scans.

Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. The NMT successfully demonstrated dose calibrator constancy checks, package receipt, daily surveys, and waste handling and disposal procedures. The inspector observed one cardiac stress test and one I-131 thyroid administration. An outside consultant performed quarterly program audits that were adequate to oversee the program. Licensed material was adequately secured and not readily accessible to members of the general public. The licensee possessed a radiation survey meter that was calibrated, operational, and performed well in side-by-side comparison with an NRC instrument.

Independent measurements did not indicate readings in excess of Title 10 of the Code of Federal Regulations (10 CFR) Part 20 limits in restricted or unrestricted areas. The staff wore personal whole body and extremity dosimetry during the inspection, and records did not indicate doses in excess of 10 CFR Part 20 limits.

No violations of NRC requirements were identified during this inspection.