

Nieves Folch, Luis

From: Nieves Folch, Luis
Sent: Wednesday, December 14, 2016 2:10 PM
To: 'lsalb@netzero.net'
Subject: New clear 591
Attachments: image2016-12-14-142044.pdf

Dear Mr. Hills,

This message is to send you a new 591 form addressing the closure of previous violations. Please discard the 591 form that was given to you on December 2, 2016. At this point the NRC has no further questions, and do not require any correspondence on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be 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>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
Health Physicist
U.S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
(630) 829-9571

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

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

REPORT NUMBER(S) 2016001

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 2
November, 2016
CHW 12/2/2016

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.

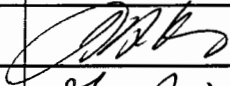
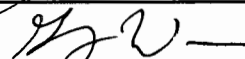
Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 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	Luis Nieves Folch		12/2/2016
BRANCH CHIEF	Aaron T. McCraw	 for ATM	12/14/16

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Nuclear Diagnosis, Inc. P.O. Box 3371 Springfield, Missouri 65808 REPORT NUMBER(S) 2016001		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 2, 2016	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02231	2. PRIORITY 2	3. LICENSEE CONTACT Charles A. Hills, Sr. CNMT, RSO	4. TELEPHONE NUMBER (417) 831-6520
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☐ Main Office Inspection Next Inspection Date: December 2, 2018

☒ Field Office Inspection Branson Heart Center, Sullivan, and Monett MO

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a mobile medical service authorized by its NRC license to use unsealed byproduct material for diagnostic and therapeutic procedures under 10 CFR 35.100, 35.200, and 35.300 at 8 locations specified on the license in Missouri. A local radiopharmacy delivered unit doses to each of the locations for a variety of diagnostic procedures. Cox Medical Center in Branson works from Monday to Saturday, Mercy Hospital Carthage works Monday to Friday, Texas County Memorial Houston works Mondays, Tuesdays and Wednesdays, Mercy Hospital Aurora works Mondays and Thursdays, Cox Monnett works Monday to Friday, Missouri Baptist Sullivan works Monday to Friday, Cox Heart Center Branson works, and Mercy Hospital Cassville works Tuesdays, Wednesdays and Fridays. The licensee has their own hot labs and equipment at each of this locations. The clinics employed one full-time nuclear medicine technologist (NMT) except for Cox Medical Center in Branson who staffed 3 NMT. The licensee has never performed any therapies. The licensee performs approximately 2 to 4 diagnostic studies per day at most of their facilities.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine laboratory and observed the nuclear medicine technologists demonstrate package receipt surveys and instrument quality control checks. The inspector observed two stress test and a whole body scan preparation and administration. The inspector performed independent surveys of the hot labs and other areas of the nuclear medicine departments and found no contamination or exposures to members of the public distinguishable from background. The nuclear medicine technologists demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed quarterly audit reports, spill reports, and documentation of package receipt, area surveys, instrument quality control, waste disposal, and employee training at each location. The inspector also reviewed monthly dosimetry reports, which indicated annual whole-body and extremity doses below regulatory limits.

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December 2, 2016

(Continued)

The inspector closed a previous violation for failure to follow the notification process when receiving a contaminated package. The inspector interviewed the nuclear medicine technologists staff at multiple locations about the Department of Transportation (DOT) reporting requirements, and they demonstrated adequate knowledge of DOT limits on removal radioactive surface contamination and the notification requirements.

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