

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | |
|---|---|
| 1. LICENSEE/LOCATION INSPECTED: <i>NORLIVO INTERNAL MEDICINE, PLLC 20311 FARMINGTON RD EVONING, MO 6452-1411</i> | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
| REPORT NUMBER(S) 2016001 | |

| | | |
|-----------------------------------|-------------------------------------|-------------------------------------|
| 3. DOCKET NUMBER(S) 030- 34560 | 4. LICENSE NUMBER(S) 21-32033-01 | 5. DATE(S) OF INSPECTION 7/14/16 |
|-----------------------------------|-------------------------------------|-------------------------------------|

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 | E.L. Kulzer | <i>E.L. Kulzer</i> | 7/14/16 |
| BRANCH CHIEF | Aaron T. McCraw | <i>A.T. McCraw</i> | 8/16/16 |

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| | |
|---|---|
| 1. LICENSEE/LOCATION INSPECTED: Norlivo Internal Medicine, PLLC 20311 Farmington Rd Livonia, MI 48152-1411 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) 030-34560 | 4. LICENSE NUMBER(S) 21-32033-01 | 5. DATE(S) OF INSPECTION 7/14/2016 |
|--------------------------------------|---|---|

| | |
|---|--|
| 6. INSPECTION PROCEDURES USED IP 87130 | 7. INSPECTION FOCUS AREAS 03.01 through 03.07 |
|---|--|

SUPPLEMENTAL INSPECTION INFORMATION

| | | | |
|-----------------------------|------------------|---------------------------------------|---------------------------------------|
| 1. PROGRAM CODE(S) 02201 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Christie Adair | 4. TELEPHONE NUMBER (248) 442-1400 |
|-----------------------------|------------------|---------------------------------------|---------------------------------------|

Main Office Inspection Next Inspection Date: 7/14/2021

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine unannounced inspection of a cardiology group authorized to use byproduct material for diagnostic administrations of radiopharmaceuticals at its facilities in Livonia, Michigan. The licensee conducted studies on Mondays, Tuesdays, Thursdays, and Fridays. A nuclear medicine technologist performed all patient procedures. The licensee received licensed material as unit doses from a nuclear pharmacy.

Performance Observations

The licensee had not performed any cardiac stress studies with technetium-99m since June 2016. Interviews of available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, package receipt, daily surveys, waste handling and disposal procedures were implemented successfully. Licensed material was secured as required. A survey meter was calibrated, operational, and it performed well in side-by-side comparison with an NRC instrument. Independent measurements indicated acceptable exposure rates in restricted and unrestricted areas. Personal whole body and extremity dosimetry badge records were reviewed during the inspection, and they did not indicate doses in excess of 10 CFR Part 20 limits.

No violations of NRC regulatory requirements were identified during this inspection.

GW
for ATM