

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Northern Shared Medical Services  
209 Limestone Pass  
Cottage Grove, WI 53527

LOCATION  
INSPECTED:  
CROWN POINT, IN

2. NRC/REGIONAL OFFICE

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

REPORT NUMBER(S) 2016-001

3. DOCKET NUMBER(S)

030-37826

4. LICENSE NUMBER(S)

48-32697-01

5. DATE(S) OF INSPECTION

February 16, 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	Ryan Craffey / Luis Nieves Folch		2/16/16
BRANCH CHIEF	Aaron T. McCraw		2/26/16

**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:

Northern Shared Medical Services  
209 Limestone Pass  
Cottage Grove, WI 53527  
Location Inspected: Job Site in Crown Point, Indiana

REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

030-37826

4. LICENSE NUMBER(S)

48-32697-01

5. DATE(S) OF INSPECTION

February 17, 2016

6. INSPECTION PROCEDURES USED

87130

7. INSPECTION FOCUS AREAS

03.01-03.07

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

02220

2. PRIORITY

3

3. LICENSEE CONTACT

Mike Zimmer, Ph.D., RSO

4. TELEPHONE NUMBER

(312) 926-0412

Main Office Inspection                      Next Inspection Date: February 17, 2019

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection 1201 South Main Street, Crown Point, IN

**PROGRAM SCOPE**

This was an unannounced routine inspection of a mobile nuclear medicine company that provided PET/CT services for hospitals in Midwestern states, including Missouri and Indiana. Licensed activities were performed at client facilities in licensee-controlled coaches. The coach was staffed with one driver and two technologists at all times. The staff in this coach performed approximately five diagnostic administrations each the morning, primarily fluorine-18 FDG for cancer imaging and occasional sodium fluoride-IS for bone imaging. Licensed material was received as unit doses from a licensed radiopharmacy; doses were delivered directly to the coach rather than to clients. All waste was held for decay in storage.

**PERFORMANCE OBSERVATIONS**

The inspectors observed two diagnostic administrations of licensed material, including dose preparation and disposal. Licensee personnel demonstrated contamination surveys and wipes, package receipt surveys and wipes and described the implementation of procedures for spill response and transportation of unused doses. The inspectors noted no concerns with these activities. A review of dosimetry and survey records indicated no exposures exceeding limits for members of the general public or for radiation workers. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The inspectors performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

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