

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Northern Shared Medical Services 209 Limestone Pass Cottage Grove, WI 53527 Location Inspected: Job Site in Jefferson City, MO</p> <p>REPORT NUMBER(S) 2016-002</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>
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<p>3. DOCKET NUMBER(S)</p> <p>030-37826</p>	<p>4. LICENSE NUMBER(S)</p> <p>48-32697-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>October 19, 2016</p>
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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:

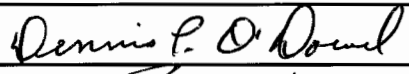
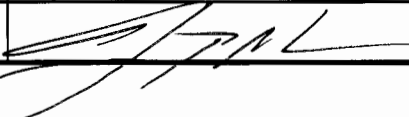
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Dennis P. O'Dowd		11/16/16
BRANCH CHIEF	Aaron T. McCraw		11/17/16

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01-03.07
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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
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Main Office Inspection Next Inspection Date: February 2019

Field Office Inspection _____

Temporary Job Site Inspection 2505 Mission Drive, Jefferson City, MO

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 licensee routinely conducts licensed activities at the temporary job site in Jefferson City, MO (at the location listed above) on Wednesday mornings of each week. The coach was staffed with one driver and two technologists. The technologists staff in this coach performed an average of six to seven diagnostic administrations each week at the Jefferson City job site, primarily fluorine-18 (F-18) FDG for cancer imaging and for brain metabolic imaging, and on occasion, sodium fluoride-18 for bone imaging. Licensed material was received as unit doses from a licensed radiopharmacy; doses were delivered directly to the coach. All waste was held for decay in storage.

Performance Observations

The inspector toured the trailer to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector observed the technologists prepare and deliver one administration of F-18, noting the verification of patient identification and satisfactory use of shielding. Licensee personnel discussed surveys and wipes, and transportation of unused doses. The inspector noted no concerns with observed or discussed licensed activities. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures, and regulatory requirements. The inspector conducted independent radiation surveys of the unit, and found no exposures to members of the public in excess of regulatory requirements.

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

O'Dowd, Dennis

From: Britta Green <bgreen@sharedmed.com>
Sent: Friday, November 18, 2016 10:32 AM
To: O'Dowd, Dennis
Subject: [External_Sender] Re: NRC Form 591M Inspection Report - Northern Shared Medical Services (10/19/2016)

Thank you! Sorry I missed your calls before. I appreciate you sending this and I will forward it on to Dr. Zimmer.

Thank you,

Britta Green, CNMT, PET, RT(N)(CT)
Regional Operations and Marketing Manager
Shared Medical Services
C: 636-222-1020
F: 608-839-1763

Sent from my iPhone

On Nov 18, 2016, at 10:28 AM, O'Dowd, Dennis <Dennis.ODowd@nrc.gov> wrote:

Dear Ms. Green:

As we discussed via telephone on Wednesday, November 16, 2016, attached is a copy of the report (NRC Form 591M, Part 1) of the inspection conducted on October 19, 2016, of activities performed under your licensed program (i.e., mobile PET services). As I mentioned during our conversation, there were no violations of NRC requirements identified as a result of this inspection, and therefore, you are not required to respond to this message or the attached report. It is my understanding that you will forward a copy of this inspection report to your corporate radiation safety officer, Mike Zimmer, Ph.D., and this is much appreciated.

In accordance with the NRC's "Rules of Practice," a copy of this message, and the report, will be made available electronically for public inspection in the NRC's web site at <http://www.nrc.gov/reading-rm-adams.html>.

Thank you for yours and your staff's cooperation during the inspection.

Should you have any questions regarding this or any other related matter, please do not hesitate to contact me.

Dennis P. O'Dowd

Health Physicist
Materials Inspection Branch
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission
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