

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Northern Shared Medical Services 209 Limestone Pass Cottage Grove, WI 53527 REPORT NUMBER(S)	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-37826	4. LICENSEE NUMBER(S) 48-32697-01	5. DATE(S) OF INSPECTION October 30, 2009
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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:

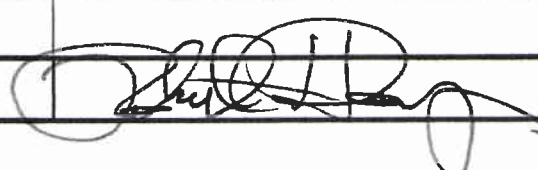
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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	Robert P. Hays		10/30/2009

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE Northern Shared Medical Services REPORT NUMBER(S) 2009-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 03037826	4. LICENSE NUMBER(S) 48-32697-01	5. DATE(S) OF INSPECTION October 30, 2009	
6. INSPECTION PROCEDURES USED 87130 (10/24/02)		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02220	2. PRIORITY 3	3. LICENSEE CONTACT Mike Zimmer, RSO	4. TELEPHONE NUMBER 312-926-0412
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Main Office Inspection Next Inspection Date: **October 2012**

Field Office _____

Temporary Job Site Inspection **Heartland Hospital, St. Joseph, MO**

PROGRAM SCOPE

The licensee was a multisite medical provider authorized by the license to use any byproduct material permitted by 35.200 as specified on the license at temporary jobsites. At the time of the inspection, the licensee provided mobile medical testing service to clients throughout the State of Missouri. The service van at the temporary jobsite was staffed with one nuclear medicine technologist (NMT) who routinely conducted an average of 10-12 PET patient procedures as scheduled on Friday each week. The licensee receives and administers only unit doses of fluorine-18 as labeled fluorodeoxyglucose (FDG) delivered directly to the PET imaging van at each temporary jobsite by a local PET nuclear pharmacy. All waste was held for decay-in-storage (DIS) and because of its short half-life, returned as a non-radioactive medical waste shipment picked up by the unit dose vendor. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

Performance Observations

During the inspection, the licensee's NMT demonstrated/discussed: (1) package check-in procedures and wipe test counting; (2) dosimetry (3) dose calibrator tests; (4) unit dose handling procedures; (5) security of licensed material; (5) rad waste procedures; (8) contamination events and procedures; (9) area surveys; and (10) DOT requirements