

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Northern Shared Medical Services At: SSM St. Joseph Hospital West 100 Medical Plaza Lake St. Louis, Missouri REPORT NUMBER(S) 2012002		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 October 15, 2012	

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	Geoffrey M. Warren		10/24/12
BRANCH CHIEF	Tamara E. Bloomer		10/24/12

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS 03.01 - 03.08
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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: August 2015

Field Office Inspection

Temporary Job Site Inspection 100 Medical Plaza, Lake St. Louis, MO

PROGRAM SCOPE

This temporary job site inspection was performed at SSM St. Joseph Hospital West in Lake St. Louis, Missouri.

The licensee was 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, one technologist, and one assistant at all times. The staff in this coach performed approximately 160 diagnostic administrations monthly, primarily fluorine-18 FDG for cancer imaging and occasional sodium fluoride-18 for bone imaging. Doses were 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 inspector observed two diagnostic administrations licensed material, including dose preparation and disposal; dose calibrator constancy; survey meter QC; and package receipt surveys and wipes. Licensee personnel demonstrated contamination surveys and wipes, and described emergency procedures and shipment of unused doses. The inspector noted no concerns with these activities. 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 inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 10/24/2012

NUMBER OF PAGES: 2
(including this page)

SEND TO: Mike Zimmer, Ph.D., RSO / Paul Flaten, Director of Health & Safety

LOCATION: Northern Shared Medical Services, Cottage Grove, WI

FAX NUMBER: (608) 839-8950 **VERIFY BY CALLING SENDER**

FROM: Geoffrey Warren, Health Physicist
(SENDER)

TELEPHONE NUMBER: (630) 829-9742 FAX NUMBER: (630) 515-1259

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE

Enclosed is the inspection report we discussed. Please contact me at the telephone number above if you have any questions.

NOTICE

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