

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED

SIRA Imaging Center, L.L.C.  
500 Landmark Avenue  
Bloomington, 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)

030-35415

4. LICENSE NUMBER(S)

13-24646-02

5. DATE(S) OF INSPECTION

May 25, 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)

Contrary to License Condition No. 14.A. to NRC License No. 13-24646-02, Item 10 of the application dated March 3, 2010, and the licensee's written procedure for the safe use of unsealed byproduct materials, as of May 25, 2016, a technologist stored food and drink for his consumption in the nuclear medicine hot lab. The cause of the violation was the technologist's misunderstanding of the policy. As corrective action, the technologist stated that, beginning immediately, he would store his food and drink at an appropriate location outside of the nuclear medicine area.

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	Helen M.R. Caves		6/6/16
NRC INSPECTOR	Geoffrey M. Warren		6/2/16
BRANCH CHIEF	Aaron T. McCraw		6/3/16

(07-2012)  
10 CFR 2.201

## Docket File Information

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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6. INSPECTION PROCEDURES USED  87131	7. INSPECTION FOCUS AREAS  03.01 - 03.09
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## SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)  02200	2. PRIORITY  3	3. LICENSEE CONTACT  Neal D. Abdullah, M.D., RSO	4. TELEPHONE NUMBER  (812) 333-7676
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: May 2019
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

## PROGRAM SCOPE

This was a routine, unannounced, inspection. The licensee was a medical clinic located in Bloomington, Indiana, with authorization to use byproduct materials in Sections 35.100, 35.200, and 35.300. Licensed activities were conducted only at the location indicated on the license. The nuclear medicine department was staffed with one full-time nuclear medicine technologist. The licensee's nuclear medicine staff typically administered 70 diagnostic doses monthly, including a variety of imaging procedures but excluding cardiac imaging. Therapy doses included around two iodine-131 hyperthyroid procedures monthly using iodine in capsule form. All doses were received as unit doses from an area nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy. Nuclear medicine activities were performed Tuesday through Friday each week.

Performance Observations: The inspector observed one diagnostic administration of licensed materials, including dose preparation and disposal. Licensee staff demonstrated morning checks, package receipt surveys and wipes, and daily and weekly contamination surveys, and described a variety of therapeutic procedures, iodine-131 therapy procedures, emergency procedures, and waste tracking. The inspector noted no concerns with these activities. The inspector reviewed written directives for iodine-131 therapies and identified no concerns. Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. Dosimetry records indicated no exposures of regulatory concern. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

One violation was identified during this inspection, concerning the storage of food and drink in the nuclear medicine hot lab. The technologist was aware that he was not allowed to eat or drink in nuclear medicine areas, but believed he was allowed to store his lunch there, in a cabinet in the hot lab. The policy was that no food or drink be eaten or stored in the nuclear medicine area. As corrective action, he stated that he would immediately begin storing his food in an appropriate storage area outside nuclear medicine. Clinic management confirmed these corrective actions.

## Warren, Geoffrey

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**From:** Warren, Geoffrey  
**Sent:** Friday, June 03, 2016 9:35 AM  
**To:** 'helenc@siraonline.com'  
**Subject:** NRC Inspection Report - SIRA Imaging Center  
**Attachments:** SIRA 5-16 - NRC 591M.pdf

Enclosed is the inspection report for my May 25 inspection at SIRA Imaging Center. One violation was identified and is being cited concerning the presence of food and drink in the nuclear medicine hot lab.

NRC review determined that the 2003 change of ownership was properly reported to and approved by the NRC.

Please review the citation on the attached form. If you agree with the citation, please print your name and title in the box labeled "Printed Name" and sign and date in the appropriate boxes. Then either scan and e-mail the form to [geoffrey.warren@nrc.gov](mailto:geoffrey.warren@nrc.gov) or fax it to my attention to 630-515-1259. This documents your commitment that corrective actions have been or will be performed as described in the citation.

If you have any questions, please call me at the telephone number below or respond to this e-mail.

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Geoffrey Warren  
Senior Health Physicist  
NRC Region III  
630-829-9742