

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Franciscan Alliance, Inc.  
d/b/a Franciscan St. Anthony Health - Michigan City  
301 West Homer Street  
Michigan City, IN 46360

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)

030-09928

## 4. LICENSE NUMBER(S)

13-13144-02

## 5. DATE(S) OF INSPECTION

JUNE 2<sup>ND</sup>, 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:

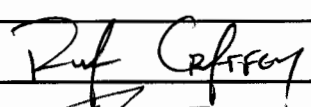
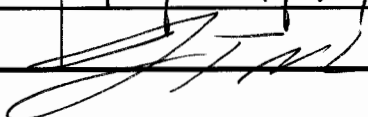
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violations(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		6/2/16
BRANCH CHIEF	Aaron McCraw		6/3/16

**Docket File Information**

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June 2, 2016

6. INSPECTION PROCEDURES USED

87131, 87132

7. INSPECTION FOCUS AREAS

All

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

02120

2. PRIORITY

3

3. LICENSEE CONTACT

Amy Johns-Carter, CNMT

4. TELEPHONE NUMBER

(219) 877-1568

☒ Main Office Inspection      Next Inspection Date: 06/02/2019

☒ Field Office Inspection      8955 W 400 N, Michigan City, IN

☐ Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of a community hospital authorized to use byproduct material for medical purposes at two facilities in Michigan City, Indiana. At the time of the inspection, the licensee staffed four nuclear medicine technologists, who rotated between the two facilities. Three technologists at the main hospital's nuclear medicine department performed 8-12 diagnostic administrations per day and one I-131 therapeutic administration per month. A fourth technologists reported Mondays, Wednesday and Fridays to the hospital's cancer center, and performed 20-25 diagnostic PET administrations a month. The licensee had also performed three prostate seed implants since the previous inspection (though none since November 2013), and maintained disused temporary implant seeds in storage at the main nuclear medicine department. The licensee's medical physics consultant and RSC both reviewed the content and implementation of the program quarterly. The licensee was planning to begin construction of a new hospital in the near future, and to move its main nuclear medicine department there in 2018.

**PERFORMANCE OBSERVATIONS:** The inspector toured the main hospital in Michigan City to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector conducted independent and confirmatory surveys of this facility, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the administration of two cardiac stress tests and the receipt of packaged containing radioactive material. The inspector also verified the licensee's inventory of temporary implant seeds in storage. The licensee's nuclear medicine staff demonstrated and discussed the implementation of procedures for area surveys, radioactive waste handling, and spill response; the licensee's radiation oncology staff at the cancer center discussed the planning, administration and verification of prostate seed implants. Through these observations and discussions the inspector found the licensee's staff to be knowledgeable of radiation protection principles and regulatory requirements.

The inspector reviewed a selection of the licensee's records for recent manual brachytherapy treatments (most of these records were stored at the cancer center), as well as a selection of routine nuclear medicine records, written directives for I-131 therapies, personnel dosimetry, DOT training, incident reports, consultant audits, and RSC meeting minutes.

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