

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Franciscan Health Michigan City 301 W. Horner St. Michigan City, IN 46360 REPORT NUMBER(S) 2019001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-09928	4. LICENSE NUMBER(S) 13-13144-02	5. DATE(S) OF INSPECTION 2/13/2019 2/24/2019 LHW
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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:


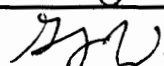
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	Luis Nieves Folch		2/13/2019
BRANCH CHIEF	Aaron T. McCraw	 for AIM	2/26/19

Docket File Information

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6. INSPECTION PROCEDURES USED 87131, 87132	7. INSPECTION FOCUS AREAS 03.01-03.08
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02120	2. PRIORITY 3	3. LICENSEE CONTACT Amy Johns-Carter, CNMT	4. TELEPHONE NUMBER (219) 877-1568
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Main Office Inspection Next Inspection Date: February 13, 2021
 Field Office Inspection 3500 N. Franciscan Way, Michigan City
 Temporary Job Site Inspection

PROGRAM SCOPE

This was an unannounced, routine inspection of a hospital authorized by its NRC license to use unsealed byproduct material for diagnostic and therapeutic procedures under 10 CFR 35.100, 35.200, 35.300, and 35.400. The nuclear medicine department was staffed with four full-time nuclear medicine technologists (NMT) who performed approximately 11 diagnostic nuclear medicine procedures daily, primarily Hida, bone scan, thyroid, gastric emptying, and heart studies from Mondays to Fridays. The licensee administered one I-131 therapy monthly. Licensee has not performed any seed implants since last inspection. At 8995 W 400 North, the licensee only performs three PET studies on average per day on Monday, Wednesday and Friday. The licensee retains a consultant health physicist to perform annual audits of the radiation safety program. The 301 W. Homer St. location was no longer being used at the time of the inspection; the licensee was in the process of performing surveys to send an amendment to remove it from the license. The licensee moved all their equipment and material to the 3500 N. Franciscan Way location around December 2018.

PERFORMANCE OBSERVATIONS

The inspector toured the nuclear medicine laboratory and observed the nuclear medicine technologist demonstrate package receipt surveys and instrument quality control checks. The inspector observed the preparation and administration of one cardiac rest study. The inspector performed independent surveys of the hot lab and other areas of the nuclear medicine department and found no contamination or exposures to members of the public distinguishable from background. The nuclear medicine technologist demonstrated adequate knowledge of radiation safety principles and practices through interviews. The inspector reviewed quarterly audit reports, spill reports, and documentation of package receipt, area surveys, instrument quality control, waste disposal, written directives, dose calibrator linearity, and employee training. The inspector also reviewed monthly dosimetry reports which indicated annual whole-body and extremity doses below regulatory limits.

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