

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Indiana University Health Arnett, Inc. 420 North 26th Street Lafayette, IN 47904 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) 030-34812	4. LICENSE NUMBER(S) 13-32087-01	5. DATE(S) OF INSPECTION February 19, 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:

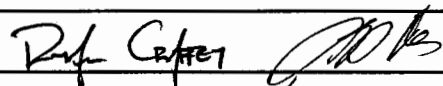
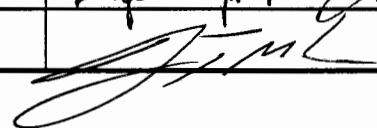
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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)

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 / Luis Nieves Folch		2/19/2016
BRANCH CHIEF	Aaron T. McCraw		2/24/16

Docket File Information

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Lafayette, IN 47904

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2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-34812

4. LICENSE NUMBER(S)

13-32087-01

5. DATE(S) OF INSPECTION

February 19, 2016

6. INSPECTION PROCEDURES USED

87132

7. INSPECTION FOCUS AREAS

03.01-03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

02230

2. PRIORITY

2

3. LICENSEE CONTACT

Siarhei Spirydovich - RSO

4. TELEPHONE NUMBER

(765) 838-6872

Main Office Inspection Next Inspection Date: February 19, 2018

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection of an out-patient cancer treatment center authorized to use iridium-192 in a high dose-rate remote (HDR) afterloader unit at its facility in Lafayette, Indiana. Radiation therapies were conducted on weekdays primarily by one authorized medical physicist (the RSO) and one authorized oncologist. The majority of treatments were for breast and gynecological cancers. Approximately one treatment was performed each month, and source exchanges were performed quarterly. The licensee maintained a Radiation Safety Committee, which also met quarterly.

PERFORMANCE OBSERVATIONS

This inspection consisted of interviews with licensee personnel, a review of selected records, independent measurements, and observations of one fraction of a patient treatment. The authorized medical physicist on staff during the inspection (the RSO) demonstrated and discussed various aspects of the radiation safety program, including the security of licensed material, daily spot checks of the HDR unit, emergency equipment and procedures, and radiation safety postings. The inspectors conducted independent radiation measurements in the vicinity of the unit and outside the suite during the treatment, and found no exposures to workers or members of the public in excess of regulatory limits.

The inspectors also reviewed a selection of written directives, treatment plans, internal audits of patient cases, radiation safety committee meeting minutes, HDR spot check and full calibration records, emergency procedure training records, and personnel dosimetry reports.

No violations of NRC requirements were identified during this inspection.