

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Hendricks Regional Health 1000 East Main Street, Danville, IN 46122 Locations Inspected: Danville and Avon, IN REPORT NUMBER(S) 2018001	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) 030-12163	4. LICENSE NUMBER(S) 13-17082-01	5. DATE(S) OF INSPECTION MAY 23 & 24, 2018
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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	Ryan Craffey	<i>R. Craffey</i>	5/24/18
BRANCH CHIEF	Aaron McCraw	<i>A. McCraw</i>	06/01/2018

Docket File Information

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6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT Patrick Byrne - Consultant	4. TELEPHONE NUMBER (877) 317-5811
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Main Office Inspection Next Inspection Date: 05/23/2023

Field Office Inspection 8244 East US 36, Avon, IN

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was an unannounced routine inspection of a regional health system authorized to use byproduct material for diagnostic medical purposes at its main hospital in Danville, Indiana, and at a second facility in Avon, Indiana. At the time of the inspection, three technologists shared the duties of administering 10-12 general diagnostic administrations each weekday at the Danville facility, as well as 3-4 PET scans per day on Mondays and Thursdays at the newly-added Avon facility. The licensee had recently requested authorization to possess and use therapeutic radiopharmaceuticals; this request was still pending at the time of the inspection.

PERFORMANCE OBSERVATIONS: The inspector toured the facilities in Danville and Avon to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of both facilities, and found no evidence of residual contamination, nor any exposures in unrestricted areas which exceeded regulatory limits to members of the public. The inspector also noted that the Avon facility matched the physical description provided in the licensee's request, dated June 12, 2017, to add it as a location of use.

The inspector observed the administration of six unit doses of Tc-99m for cardiac stress tests at the Danville facility, and one unit dose of F-18 for a PET scan at the Avon facility. The technologists demonstrated a strong commitment to implementing ALARA practices while preparing, handling, and administering these radiopharmaceuticals. The inspector also interviewed these technologists to discuss the implementation of licensee procedures, including the receipt of packages containing radioactive material, conduct of area surveys, spill response, and decay-in-storage radioactive waste handling. Through these observations and discussions, the technologists demonstrated an satisfactory level of understanding of radiation protection principles, licensee procedures, and regulatory requirements.

The inspector reviewed a selection of records, including quarterly health physics consultant audits, documentation of various radiation surveys and instrument quality assurance checks, sealed source inventories and leak test results, hazmat training certificates, and personnel dosimetry reports.

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