

### SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Harbor Beach Community Hospital 210 South First Street Harbor Beach, MI 48441  REPORT NUMBER(S) 2019001		2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
3. DOCKET NUMBER(S)  030-37351	4. LICENSE NUMBER(S)  21-32634-01	5. DATE(S) OF INSPECTION  May 15, 2019

**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:

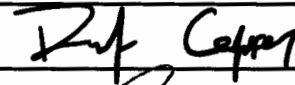

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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		5/15/19
BRANCH CHIEF	Aaron McCraw		05/31/2019

**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  David Dubriwny, DO - RSO	4. TELEPHONE NUMBER  (989) 453-5227
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Main Office Inspection      Next Inspection Date: 05/15/2024

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced routine inspection of a small community hospital in Harbor Beach, Michigan, authorized to use byproduct material for diagnostic medical purposes. At the time of the inspection, one part-time nuclear medicine technologist performed around ten administrations per month using unit doses of radiopharmaceuticals. The department was only open on Wednesdays and Saturdays, for general and cardiac studies, respectively. The licensee retained the services of a medical physics consultant, who audited the program quarterly.

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility in Harbor Beach to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent surveys of the facility and found no evidence of residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the administration of one unit dose of Tc-99m for a thyroid scan, as well as demonstrations by the technologist of area surveys and the receipt of packages containing radioactive material. Through these observations and other discussions about the safe use of radioactive material, the inspector found that the technologist was knowledgeable of radiation protection principles and regulatory requirements, and implemented adequate ALARA practices.

The inspector also reviewed a selection of records, including consultant audits, instrument calibration documentation, sealed source inventories and leak tests, decay-in-storage waste disposal documentation, hazmat training records, and personnel dosimetry reports, which demonstrated that occupational exposures from activities conducted under this license were well below regulatory limits.

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