

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  Beaumont Northpointe 27901 Woodward Avenue, Suite 300 Berkley, MI 48072  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)  030-30186	4. LICENSE NUMBER(S)  21-25833-01	5. DATE(S) OF INSPECTION  September 30, 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:


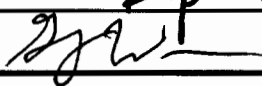
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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		9/30/19
BRANCH CHIEF	Robert Ruiz, Acting Chief Geoffrey Warren for RR		10/15/19

*Docket File Information*

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

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  02120	2. PRIORITY  5	3. LICENSEE CONTACT  Janice Campbell, PhD - RSO	4. TELEPHONE NUMBER  (248) 898-4118
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☒ Main Office Inspection      Next Inspection Date: 09/30/2024

☐ Field Office Inspection \_\_\_\_\_

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

**PROGRAM SCOPE**

This was an unannounced routine inspection of a cardiology practice authorized to use byproduct material for diagnostic medical purposes at its facility in Berkley, Michigan. At the time of the inspection, two nuclear medicine technologists performed eight to fourteen diagnostic cardiac procedures per day, Monday through Friday, using unit doses from a licensed radiopharmacy. Radiation safety staff from Beaumont Health System maintained oversight of this program, consistent with the policies and procedures implemented under their broad-scope medical and research program (NRC License No. 21-01333-01).

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility in Berkley to evaluate the licensee's measures for materials security, hazard communication and exposure control. The inspector performed independent and confirmatory 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 preparation and administration of two doses for cardiac stress tests, noting the use of adequate ALARA practices throughout. The inspector interviewed the technologists and found both to be knowledgeable of radiation protection principles, regulatory requirements and licensee procedures for the safe use of radioactive material. The inspector also reviewed a selection of records, including quarterly audits, minor spill reports, instrument calibration documentation, sealed source inventories and leak test results, decay-in-storage waste handling records, and personnel dosimetry reports, which indicated that occupational exposures from these licensed activities were well below regulatory limits.

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