



Materials Inspection Report

1. Licensee/Location Inspected: Bronson Advanced Cardiac Health Care 601 John St, Ste 100 Kalamazoo, MI 49007 Report Number(s) 2023001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. Docket Number(s) 030-34402	4. License Number(s) 21-26784-01	5. Date(s) of Inspection April 6, 2023

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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))

B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Zahid Sulaiman, Health Physicist	Zahid M. Sulaiman <small>Digitally signed by Zahid M. Sulaiman Date: 2023.04.26 17:21:31 -05'00'</small>
BRANCH CHIEF	Rhex Edwards, Chief, MIB	 <small>Digitally signed by Rhex A. Edwards Date: 2023.05.01 10:55:52 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Bronson Advanced Cardiac Health Care		2. Docket Number(s): 030-34402		3. License Number(s) 21-26784-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: April 6, 2023		
6. Inspector(s): Zahid Sulaiman, Health Physicist		7. Program Code(s): 02201	8. Priority: 5	9. Inspection Guidance Used: 87130	
10. Licensee Contact Name(s): Christopher Rogers, RSO Joe Newman, Mgr Diagnostic		11. Licensee E-mail Address: crogers@bacardiac.com jnewman@bacardiac.com		12. Licensee Telephone Number(s): Work: 269-373-1222	
13. Inspection Type: <input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		14. Locations Inspected: <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 04/06/2028 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	
16. Location(s) Inspected List: Main office: 601 John St, Ste 100, Kalamazoo, MI 49007					
17. Scope and Observations: This was a routine, unannounced, inspection of a private cardiac clinic authorized to use byproduct materials for diagnostic medical procedures under 10 CFR 35.100 and 35.200. The licensee was staffed with one full-time and one part-time nuclear medicine technologists (NMTs) who performed approximately 7 diagnostic studies daily. The licensee performed procedures Monday through Friday from 7:30 am to 4:30 pm. The licensee retained the services of a medical physics consultant for quarterly program audits and equipment calibration. <p style="text-align: center;">PERFORMANCE OBSERVATIONS</p> <p>The inspection consisted of interviews with select licensee personnel; a review of select records; a tour of the clinic, and independent measurements. The inspector observed the NMT perform a dose assay and administration of technetium-99m to a patient for a cardiac stress test. The inspector: (1) observed the NMT conduct a physical inventory of sealed sources, and all sources were accounted for; (2) had the NMT demonstrate the package receipt surveys and wipes procedure, the dose calibrator constancy check, the end of the day daily area surveys and weekly wipe tests, and proper handling of radioactive waste and disposal procedures. The inspector conducted independent surveys and found no residual contamination or exposures to members of the public in excess of regulatory limits. Through these observations, demonstrations, and other discussions, the inspector found that the licensee personnel were knowledgeable of radiation protection principles, licensee procedures, and regulatory requirements.</p> <p>The inspector reviewed a selection of licensee records, including program audits, dose calibrator linearity and accuracy records, source inventories, survey meter calibration records, package receipt logs, and waste log, with no issues noted. The inspector reviewed the dosimetry records for 2021 through December 29, 2022 indicating the maximum annual dose to be 328 mrem - DDE; and 482 mrem - SDE.</p> <p>No violations of NRC requirements were identified as a result of this inspection.</p>					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, appearing to be 'R. Edwards', with a long horizontal line extending to the right.

Digitally signed by Rhex A. Edwards
Date: 2023.05.01 10:55:14 -05'00'