



Materials Inspection Report

1. Licensee/Location Inspected: West Michigan Cancer Center 200 N Park St 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) 030-36539	4. License Number(s) 21-32501-01	5. Date(s) of Inspection April 7, 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 16:35:25 -05'00'</small>
BRANCH CHIEF	Rhex Edwards, Chief, MIB	 <small>Digitally signed by Rhex A. Edwards Date: 2023.05.01 11:37:03 -05'00'</small>



Materials Inspection Record

1. Licensee Name: West Michigan Cancer Center		2. Docket Number(s): 030-36539		3. License Number(s) 21-32501-01	
4. Report Number(s): 2023001			5. Date(s) of Inspection: April 7, 2023		
6. Inspector(s): Zahid Sulaiman, Health Physicist		7. Program Code(s): 02230	8. Priority: 2	9. Inspection Guidance Used: 87132	
10. Licensee Contact Name(s): Renu Sharma, RSO		11. Licensee E-mail Address: rsharma@wmcc.org		12. Licensee Telephone Number(s): Work: 269-373-7408	
13. Inspection Type: <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"/> Temporary Job Site <input type="checkbox"/> Field Office <input type="checkbox"/> Remote		15. Next Inspection Date (MM/DD/YYYY): 04/07/2025 <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: 200 N. Park St, Kalamazoo, MI 49007					
17. Scope and Observations: This was a routine, unannounced, inspection of a cancer treatment center in Kalamazoo, Michigan, authorized to use licensed materials under 10 CFR 35.600 Iridium-192, high dose rate (HDR) remote afterloader. The cancer center was staffed with five oncologists, three authorized medical physicists (AMPs), five dosimetrists, and 13 therapists who performed approximately 33 HDR treatments, mostly gynecological procedures, annually. HDR procedures were performed Monday through Friday, from 7:00 AM to 4:00 PM. The HDR sources were exchanged quarterly, with the most recent source exchanged on March 14, 2023.					
PERFORMANCE OBSERVATIONS					
This inspection consisted of a tour of the cancer center, interviews with select licensee personnel, a review of select records, an observation of security of the materials, and independent measurements. The inspector reviewed select HDR treatment written directives, and pre- and post-treatment plans, with no issues noted.					
The inspector had the AMP demonstrate the HDR unit's: (1) security; (2) daily spot checks; (3) emergency equipment and procedures; (4) safety procedures and instructions; (5) door interlock system; (6) radiation monitoring equipment checks; and (7) full calibration measurement. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings. 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.					
The inspector reviewed the following records: annual radiation safety training, quarterly physicist and dosimetrist peer review, package receipts, and dosimetry reports (12/31/2022).					
No violations of NRC requirements were identified as a result of this inspection.					

Materials Inspection Record (Continued)

Signature and Date - Branch Chief

A handwritten signature in black ink, consisting of a stylized 'R' followed by a horizontal line.

Digitally signed by Rhex A. Edwards
Date: 2023.05.01 11:36:44 -05'00'