NRC FORM 591M
(04-2022)

U.S. NUCLEAR REGULATORY COMMISSION

Materials Inspection Report

1. Licensee/Location Inspected:	2. NRC/Regional Office
Lake Huron Medical Center 2601 Electric Avenue Port Huron, MI 48060 **Report Number(s)** 2022-001	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352

3. Docket Number(s)	4. License Number(s)	5. Date(s) of Inspection
030-09491	21-15638-01	08/03/22; exit 08/19/22

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	Ryan Craffey	Pt Craffey Digitally signed by Ryan J. Craffey Date: 2022.09.06 07:23:21 -04'00'
BRANCH CHIEF	Michael Kunowski	Michael Kunowski 9-7-2022

Add Continuation Page

NRC FORM 592M
(10-2020)

U.S. NUCLEAR REGULATORY COMMISSION

Materials Inspection Record

1. Licensee Name:	2. Docket Number(s):	3. License Number(s)
Lake Huron Medical Center	030-09491	21-15638-01

4. Report Number(s):	5. Date(s) of Inspection:
2022-001	August 3, 2022; exit August 19, 2022

6. Inspector(s):	7. Program Code(s):	8. Priority:	9. Inspection Guidance Used:
Ryan Craffey	02120	3	IP 87131, 87132

10. Licensee Contact Name(s):	11. Licensee E-mail Address:	12. Licensee Telephone Number(s):
John Ference, MD - RSO Louisa Ritchlin - ARSO	N/A louisa.ritchlin@gmail.com	810-985-1560 480-390-5833

13. Inspection Type:	14. Locations Inspected:	15. Next Inspection Date (MM/DD/YYYY):
☐ Initial ☑ Routine ☐ Announced ☐ Non-Routine ☑ Unannounced	☑ Main Office ☐ Field Office ☐ Temporary Job Site ☐ Remote	08/03/2025 ☑ Normal ☐ Extended ☐ Reduced ☐ No change

16. Scope and Observations:

Lake Huron Medical Center was an 86-bed hospital in Port Huron, Michigan, authorized to perform diagnostic and therapeutic administrations of radiopharmaceuticals and to perform manual brachytherapy procedures using sealed sources of radioactive material. At the time of the inspection, one full-time and one part-time NMT performed around two diagnostic administrations per day using unit doses from a licensed radiopharmacy, as well as occasional therapeutic administrations using I-131 capsules. Although authorized for manual brachytherapy, the licensee had not performed any since a temporary implant procedure which was observed during the previous routine inspection. The licensee still possessed the Cs-137 sealed sources used previously for temporary implants in secure storage, with no current plans to resume their use. The licensee retained the services of a medical physics consultant to serve as ARSO and to audit the program quarterly. The licensee also maintained an RSC, which met quarterly.

The inspector toured the hospital in Port Huron. All areas were properly posted and all licensed material was adequately secured accounted for. The inspector conducted independent and confirmatory surveys and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector observed the conduct of a parathyroid scan using a unit dose of Tc-99m radiopharmaceuticals, as well as the receipt of a package containing licensed material (a new flood source). The inspector found the staff be knowledgeable of radiation protection principles and regulatory requirements, and noted the use of adequate ALARA practices, contamination control measures, personnel dosimetry, and calibrated and operable radiation detection instruments.

The inspector reviewed documentation for all I-131 therapies administered since the last routine inspection, as well as a selection of records related to the radiation safety program, including consultant audits, RSC meeting minutes, sealed source inventories, leak test results, and transfer records, package receipt survey results, dose calibrator and well counter quality control tests, and personnel dosimetry reports.

No violations were identified as a result of this inspection. The inspector held an exit meeting with the licensee on August 19 following receipt of additional records not available during the on-site inspection which confirmed that the temporary implant sources were also inventoried as required.