



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

September 17, 2022

Edwin M. Leidholdt, Ph.D. Director  
National Health Physics Program (115 HP/NLR)  
Department of Veterans Affairs  
Veterans Health Administration  
2200 Fort Roots Drive  
Building 101  
North Little Rock, AR 72114

SUBJECT: NRC INSPECTION REPORT 03034325/2022011(DNMS) – VA MEDICAL  
CENTER, MADISON, WISCONSIN

Dear Dr. Leidholdt:

On August 22, 2022, the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at the VA Medical Center, Saginaw, Michigan. The inspection was limited to a review of activities authorized under Permit Number 48-01183-01. The inspector conducted an exit meeting with the management and staff at the facility at the completion of the inspection.


The inspection was an examination of activities conducted under the Permit as they relate to radiation safety and to compliance with the Commission's rules and regulations. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, independent measurements, and observation of activities in progress. Within the scope of the inspection no violations of NRC requirements were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

In accordance with Title 10 of the Code of Federal Regulations (CFR) 2.390 of the NRC's "rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or the NRC's Agencywide Documents Access and Management System (ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>).

Should you have any questions concerning this inspection or the enclosed report, please contact Bryan Parker of my staff at 678-828-7050.

Sincerely,

**Michael M.  
LaFranzo**

 Digitally signed by Michael  
M. LaFranzo  
Date: 2022.09.17 14:22:49  
-05'00'

Michael LaFranzo, Acting Chief  
Materials Licensing Branch  
Division of Nuclear Materials Safety

Docket No. 030-34325  
License No. 03-23853-01VA  
Permit No. 48-01183-01

Enclosure:  
IR 03034325/2022011



## Materials Inspection Report

<b>1. Licensee/Location Inspected:</b> Department of Veterans Affairs Under Secretary of Health Washington, D.C. 20420 (location inspected: William S. Middleton Memorial Veterans Hospital, Madison, WI)  <b>Report Number(s)</b> 2022011	<b>2. NRC/Regional Office</b>  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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<b>3. Docket Number(s)</b> 030-34325	<b>4. License Number(s)</b> 03-23853-01VA	<b>5. Date(s) of Inspection</b> August 22, 2022
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**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	Jason D. Draper, Health Physicist	Jason D. Draper <small>Digitally signed by Jason D. Draper Date: 2022.08.25 13:15:52 -05'00'</small>
BRANCH CHIEF	Michael LaFranzo, Acting Branch Chief	Michael M. LaFranzo <small>Digitally signed by Michael M. LaFranzo Date: 2022.09.17 14:20:56 -05'00'</small>



### Materials Inspection Record

1. Licensee Name: Department of Veterans Affairs		2. Docket Number(s): 030-34325		3. License Number(s) 03-23853-01VA	
4. Report Number(s): 2022011			5. Date(s) of Inspection: August 22, 2022		
6. Inspector(s): Jason D. Draper		7. Program Code(s): 03614	8. Priority: 2	9. Inspection Guidance Used: IP 87130	
10. Licensee Contact Name(s): Diane Maranda, Permit RSO		11. Licensee E-mail Address: diane.meranda@va.gov		12. Licensee Telephone Number(s): (608) 280-7014	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		<input type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input checked="" type="checkbox"/> No change	

16. Scope and Observations:

This was a routine announced inspection of activities performed under Permit No. 48-01183-01 at the Department of Veterans Affairs hospital located in Madison, Wisconsin. While the permit authorized a broad scope of materials (atomic numbers 1-83, as well as specifically molybdenum-99, technetium-99m, and iodine-131) for medical diagnosis, therapy, human research, and research and development, the licensee had not performed any research activities since 2016 and, at the time of the inspection, exclusively used unit dosages of Tc-99m for cardiac studies. The licensee's nuclear medicine department was staffed with three nuclear medicine technologists who performed cardiac stress tests on approximately five patients per day, Monday through Friday. In addition to the nuclear medicine area, the licensee had two additional rooms where byproduct material had previously been used and stored when research activities were ongoing, but at the time of the inspection, byproduct material storage was limited to exempt sources, a generally-licensed liquid scintillation counter (LSC), and used LSC vials.

During the inspection, the inspector toured the nuclear medicine area and the research-related areas to ensure material was secured appropriately. The inspector also performed independent surveys to verify the adequacy of postings and ensure radiation workers and members of the public were not receiving exposures that may exceed regulatory limits. The inspector also observed the administration of one stress dosage of Tc-99m and interviewed the RSO and the nuclear medicine technologists regarding material handling, equipment checks and calibrations, survey procedures, emergency procedures, waste handling, and program oversight activities. The inspector's observations and interviews with licensee personnel indicated adequate knowledge of radiation safety, emergency procedures, and NRC regulations. The inspector reviewed a selection of records including equipment checks, package receipt records, decay-in-storage waste logs, and dosimetry records.

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