



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

June 15, 2022

Mr. Victor Hosfeld
Radiation Safety Officer
MidMichigan Health
4000 Wellness Drive
Midland, MI 48670

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03002013/2022001(DNMS) AND
NOTICE OF VIOLATION – MIDMICHIGAN HEALTH

Dear Mr. Hosfeld:

On May 10-12, 2022, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your main campus in Midland, Michigan, and at a satellite facility in Clare, Michigan. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. Mr. Ryan Craffey of my staff conducted a final exit meeting by telephone with you and other members of MidMichigan Health on May 20, 2022, to discuss the inspection findings. This letter and its enclosures present the results of the inspection.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that two Severity Level IV violation of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The first violation involved the administration of a dosage of unsealed byproduct material for diagnostic imaging that differed from the prescribed dosage by more than 20 percent, contrary to Title 10 of the *Code of Federal Regulations* (CFR) 35.63(d). The root cause was human error. As corrective action, you had a dose calculation performed to confirm that the administration did not meet any NRC medical event criteria of 10 CFR 35.3045. The individual involved was also retrained.

The agency determined that this violation met the criteria from Section 2.3.2.b of the Enforcement Policy to be considered a Non-Cited Violation (NCV) because: (1) you identified

Enclosures 1 and 2 contain Sensitive
Unclassified Non-Safeguards Information.
When separated from the Enclosures, this
transmittal letter is decontrolled.

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the violation; (2) you corrected the violation in a reasonable period of time; and (3) the violation was not considered to be repetitive or willful. Therefore, as a credit to your program in identifying and correcting issues in a timely fashion, the NRC will not issue a Notice of Violation for this finding.


The second violation is of a security-related and administrative nature. Details of the violation are available in the enclosed non-public NRC Form 592 (Enclosure 2). The violation is cited in the enclosed non-public Notice of Violation (Notice) (Enclosure 1). The NRC is citing the violation in the enclosed Notice because the inspector identified it.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The guidance in NRC Information Notice 96-28, "Suggested Guidance Relating to Development and Implementation of Corrective Action," may be useful in preparing your response. You can find the Information Notice on the NRC website at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1996/in96028.html>. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

Because this issue involves security-related information, your response will not be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Document Access and Management System (ADAMS). Please mark the top of each page of your response "Security-Related Information – Withhold Under 10 CFR 2.390." To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information.

Please feel free to contact Ryan Craffey of my staff if you have any questions regarding this inspection. Mr. Craffey can be reached at 630-829-9655 or ryan.craffey@nrc.gov.

Sincerely,

 Signed by Kunowski, Michael
on 06/15/22

Michael A. Kunowski, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

Docket No. 030-02013
License No. 21-01549-02

cc w/o encl: State of Michigan

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Letter to Victor Hosfeld from Michael A. Kunowski dated June 15, 2022.

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