



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

June 7, 2019

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

SUBJECT: NRC ROUTINE INSPECTION REPORT
NO. 03002013/2019001(DNMS) MIDMICHIGAN HEALTH

Dear Mr. Hosfeld:

On May 14, 2019 through May 17, 2019, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your facilities in Midland and Gladwin, 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 with you and other members of the MidMichigan Health staff on May 17, 2019 to discuss the inspection findings. This letter and its enclosure presents 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 determined that two Severity Level IV violations 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 did not fall within the prescribed dosage range, contrary to Title 10 of the *Code of Federal Regulations* (CFR) 35.63(d). The root cause appeared to be human error, with the technologist's workload that day a contributing factor. As corrective action, you retrained the individual involved and performed a dose calculation to confirm that the administration did not meet any criteria to be considered a medical event.

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Unclassified Non-Safeguards Information.
When separated from the enclosure, this
transmittal letter is decontrolled.

V. Hosfeld

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The second violation was of a security-related nature. Details of this violation, including corrective actions that were taken to restore compliance with regulatory requirements and address the potential for recurrence, are discussed in the enclosed Security Addendum.

The agency determined that both violations 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 the violations; (2) you corrected the violations in a reasonable period of time; and (3) the violations were 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 either of the findings.

You are not required to respond to this letter unless the description herein does not accurately reflect your understanding or your position. In that case, or if you contest the violation or significance of this NCV, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001, with copies to: (1) the Regional Administrator, Region III; and (2) the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. However, because a portion of these issues involve security-related information, the enclosure to this letter and your response, if you choose to provide one, will not be made available electronically for public inspection. If you do respond, please mark the top of each page with "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 so that it can be made publicly available without redaction.

Please feel free to contact Mr. Craffey if you have any questions regarding this inspection. Mr. Craffey can be reached at 630-829-9655.

Sincerely,

/RA/

Aaron T. McCraw, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

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

Enclosure:
Security Addendum

cc w/o encl: State of Michigan

Letter to Victor Hosfeld from Aaron McCraw dated June 7, 2019.

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– MIDMICHIGAN HEALTH

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