



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 14, 2011

NMED No: 110033 (CLOSED)

Mr. William Scheuber
Vice President, Ancillary Services
Botsford General Hospital
28050 Grand River Avenue
Farmington Hills, MI 48336-5933

SUBJECT: INSPECTION REPORT NO. 030-02077/11-01(DNMS) – BOTSFORD
GENERAL HOSPITAL

Dear Mr. Scheuber:

On February 8, 2011, a U.S. Nuclear Regulatory Commission (NRC) inspector conducted a routine inspection at the Botsford General Hospital. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. The inspection included a review of the circumstances surrounding an inadvertent radiation exposure to a member of your staff that your institution reported to us on January 19, 2011, with a follow up letter received February 7, 2011. Our inspection also included a review of additional information provided in your February 7, 2011 letter, concerning your corrective actions. At the conclusion of the inspection, the findings were discussed with you and members of your staff. A telephonic exit meeting was conducted between you and Deborah Piskura of my staff on February 18, 2011.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations, and with the conditions of your license. Within these areas, the inspection consisted of selective examinations of procedures and representative records, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that one Severity Level IV Violation of NRC requirements occurred. The Violation was evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforcement-pol.html>. This Violation is being treated as a Non-Cited Violation (NCV), consistent with Section 2.3.2 of the Enforcement Policy. The Violation concerned the failure to permit only individuals approved by the authorized user, radiation safety officer, or authorized medical physicist to be present in the high dose-rate remote afterloader (HDR) treatment room during a patient treatment on January 19, 2011. This Violation was identified by your staff on January 19, 2011. Your staff developed corrective actions to address this Violation to include: (1) revising your policies and procedures to require the medical physicist to physically check the treatment room and ensure that no unauthorized personnel are present prior to initiating a patient treatment; (2) requiring the medical physicist or other team member to verbally announce that the staff must exit the treatment room; (3) verbally announcing that the treatment is starting; and (4) requiring the treatment team to minimize conversations at the treatment console in effort to account for all personnel attending to the patient.

The NCV is described on the docket in this letter and in your February 7, 2011 letter, to the NRC. If you contest the Violation or the significance of the NCV, you should provide a response within 30 days of the date of this letter, with the basis for your denial, to the U.S. 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, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with Title 10 of the Code of Federal Regulations Section 2.390 of the NRC's "Rules of Practice," a copy of this letter, and your response if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room or from 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>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

Sincerely,

A handwritten signature in black ink, appearing to read "Tamara Bloomer". The signature is written in a cursive style with a long horizontal stroke at the end.

Tamara E. Bloomer, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

Docket No. 030-02077
License No. 21-08892-01

cc: Stephan Morse, D.O., Radiation Safety Officer
State of Michigan

W. Scheuber

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Sincerely,

/RA/

Tamara E. Bloomer, Chief
Materials Inspection Branch
Division of Nuclear Materials Safety

Docket No. 030-02077
License No. 21-08892-01

cc: Stephan Morse, D.O., Radiation Safety Officer
State of Michigan

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