

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: North Ottawa Community Hospital 1309 Sheldon Road Grand Haven, MI 49417 REPORT NUMBER(S) 2010-01	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) 030-02168	4. LICENSEE NUMBER(S) 21-13963-01	5. DATE(S) OF INSPECTION December 1, 2010
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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. 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, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied

_____ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

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	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	S. J. Mulay		12/1/10
Branch Chief	Tamara E. Bloomer		12/10/10

Docket File Information
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6. INSPECTION PROCEDURES 87130	7. INSPECTION FOCUS AREAS 03.01-03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 2120	2. PRIORITY 3	3. LICENSEE CONTACT Michael Schmidt, M.D., RSO	4. TELEPHONE NUMBER 616-847-5359

Main Office Inspection:

Next Inspection Date: December 2013

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This active medical facility performs licensed operations at the location specified on the license. The licensee performs approximately 150 diagnostic procedures monthly. One full-time and two part-time technologists currently perform all patient studies. An outside consultant performs quarterly program audits which appear to adequately oversee licensed activities. Licensed material is obtained as unit and bulk doses from an area nuclear pharmacy. Amendment No. 25, dated 07/28/08, removed 10 CFR 35.300 authorization from this license. A review of written directives completed as of this amendment date did not indicate subsequent treatments performed for this modality, therefore, the licensee's program code, inspection priority and next inspection date will be updated to reflect the appropriate changes.

Performance Observations

Interviews conducted with available staff revealed an adequate level of understanding of emergency and material handling procedures and techniques. Dose calibrator constancy checks, injection technique, daily surveys, waste handling and disposal, and package receipt procedures, were successfully demonstrated or described.

Licensed material was observed adequately secured during the review and was not readily accessible to members of the general public. According to the technologist, the hot-lab area is locked when not under direct surveillance. Survey meters were found to be calibrated and operational and compared well in a side-by-side comparison with the NRC instrument.

Independent measurements taken during the review did not indicate readings in excess of 10 CFR Pt. 20 limits in restricted or unrestricted areas. Personal dosimetry records reviewed indicated whole-body and extremity readings for 2009 of 281 mRem and 543 mRem respectively. YTD 2010 whole-body and extremity readings were 209 mRem and 460 mRem respectively.