

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

North Ottawa Community Hospital
1309 Sheldon Road
Grand Haven, MI 49417

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-02168

4. LICENSE NUMBER(S)

21-13963-01

5. DATE(S) OF INSPECTION

August 5th 2015

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:

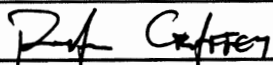
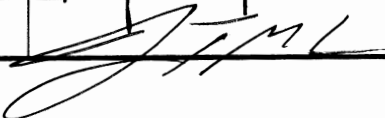
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, 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 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	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ryan Craffey		8/5/15
BRANCH CHIEF	Aaron McCraw		8/6/15

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: North Ottawa Community Hospital 1309 Sheldon Road Grand Haven, MI 49417 REPORT NUMBER(S) 2015-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-02168	4. LICENSE NUMBER(S) 21-13963-01	5. DATE(S) OF INSPECTION August 5, 2015	
6. INSPECTION PROCEDURES USED 87130	7. INSPECTION FOCUS AREAS All		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02121	2. PRIORITY 5	3. LICENSEE CONTACT Michael Schmidt, MD - RSO	4. TELEPHONE NUMBER (616) 847-5235
<input checked="" type="checkbox"/> Main Office Inspection Next Inspection Date: 08/05/2020			
<input type="checkbox"/> Field Office Inspection _____			
<input type="checkbox"/> Temporary Job Site Inspection _____			

PROGRAM SCOPE

This was a routine inspection of a community hospital authorized to perform diagnostic administrations of radiopharmaceuticals at its facility in Grand Haven, Michigan. At the time of the inspection, two nuclear medicine technologists performed 2-4 administrations each weekday using unit doses from one of two licensed radiopharmacies. Approximately half of the licensee's workload was cardiac stress tests. The remainder included Xe-133 lung ventilation studies and I-123 uptake studies, among others. The licensee retained the services of a medical physics consultant to conduct quarterly audits of the radiation safety program, and maintained a quarterly radiation safety committee.

PERFORMANCE OBSERVATIONS

The inspector toured the medical imaging department to evaluate the licensee's measures for materials security, hazard communication, and exposure control. The inspector conducted independent and confirmatory surveys of the department, and found no residual contamination or exposures to members of the public in excess of regulatory limits. The inspector was unable to observe the conduct of any administrations, as none had been scheduled during the time that the inspector was on-site. However, the licensee's staff were able demonstrate the implementation of licensee procedures for hazardous material package receipt, dose preparation, handling and administration, decay-in-storage waste handling, area surveys and spill response. Through these demonstrations and other discussions, the inspector found the technologists to be knowledgeable of radiation protection principles and licensee procedures.

The inspector also reviewed a selection of licensee records, including quarterly audits, radiation safety committee meeting minutes, hazmat training records, area survey results, ventilation evaluations, spill reports, instrument calibration records, sealed source inventories and leak tests, as well as dosimetry reports, which indicated that annual occupational exposures to technologists were well below regulatory limits.

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