

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. John Hospital and Medical Center 22101 Moross Rd Detroit, MI 48236		2. NRC REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD LISLE IL 60532-4351	
REPORT NUMBER(S) 2010-002			
3. DOCKET NUMBER(S) 030-02028	4. LICENSE NUMBER(S) 21-03210-01	5. DATE(S) OF INSPECTION April, 29, 2010	

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.

(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			
NRC INSPECTOR	George Parker		04/29/2010

22/5

Docket File Information
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6. INSPECTION PROCEDURES USED 87131/87132		7. INSPECTION FOCUS AREAS 03.01 - 03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2230	2. PRIORITY 2	3. LICENSEE CONTACT Laura Smith	4. TELEPHONE NUMBER 586-215-5947
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Main Office Inspection Next Inspection Date: 04/29/2012

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This licensee is a large regional hospital located on the east side of Detroit, Michigan. Licensee as a large nuclear medicine program, radiopharmaceutical therapy program, and a high dose rate (HDR) afterloader brachytherapy program.

PERFORMANCE OBSERVATIONS

This licensee has a staff of approximately five nuclear medicine technologist present on any given day. The inspector observed the injection of radiopharmaceuticals by the staff as well as the administration of iodine for the treatment of thyroid carcinoma. Techniques employed by the staff were suitable for the treatments and tests being administered. The inspector interviewed members of the staff. Each seemed to possess an adequate level of knowledge of radiation safety. Licensee receives its radiopharmaceuticals in the form of unit doses from Cardinal Health. Additionally, the licensee does receive bulk Tc-99m for the preparation of kits. The current shortage of Tc-99m has not had a serious impact on the program. The inspector reviewed written directives for the administration of iodine. All information required by the regulations was present. The licensee performed the daily checks of the HDR unit. All the required daily checks were performed satisfactorily. The inspector reviewed a selection of written directives for HDR treatments. Each was found to contain all the information required by regulation. The inspector reviewed dosimetry records for the facility and found that all exposures were being kept below the ALARA level. The inspector performed confirmatory surveys around select areas of the facility. There were no abnormal readings detected.