

# SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Trinity Health-Michigan  
36475 W. Five Mile Rd  
Livonia, MI 48154  
REPORT NUMBER(S) 2010-001

2. NRC/REGIONAL OFFICE

REGION III  
US NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE ROAD  
LISLE IL 60532

3. DOCKET NUMBER(S)

030 08159

4. LICENSE NUMBER(S)

21-14849-01

5. DATE(S) OF INSPECTION

Jan 25, 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	G. Parker		1/25/10

**Docket File Information**  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Trinity Health-Michigan REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE REGION III	
3. DOCKET NUMBER(S) 03008159		4. LICENSE NUMBER(S) 21-14849-01	5. DATE(S) OF INSPECTION Jan 25, 2010
6. INSPECTION PROCEDURES USED 87131		7. INSPECTION FOCUS AREAS 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 2120	2. PRIORITY 3	3. LICENSEE CONTACT Nadert Mohtadi, MD	4. TELEPHONE NUMBER 734-655-2525
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Main Office Inspection                      Next Inspection Date: 01/02/2013

Field Office Inspection \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee is a medical institution located in Livonia, Michigan. The licensee has an active nuclear medicine program with three techs who perform up to twenty procedures per day. The licensee gets its radiopharmaceuticals in the form of unit doses from Cardinal Health. The universal shortage of Tc-99 has had an impact on the program. At the time of the inspection, one tech had been sent home because of the shortage of material. This licensee continues to perform a significant number of iodine procedures per year. A review of those written directives did not reveal any discrepancies.

The radiation oncology department performs on the order of three to six prostate implants per month. A review of the written directives for that modality indicated that the licensee takes great effort to insure seed implants are correctly placed and that post treatment follow-ups are performed promptly to insure proper seed placement. Seeds arrive at the licensee shortly before implantation and any seeds not implanted are returned to the manufacturer.. At the time of the inspection, licensee did not have any seeds in house. During the previous inspection, the licensee was cited for failure to conduct inventories of cesium sources. Licensee has disposed of those sources. Records to confirm source disposal were reviewed and found to be satisfactory.

No discrepancies were noted during the inspection.