

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

1. LICENSEE <b>Henry Ford Hospital</b> REPORT NUMBER(S) <b>2008-001</b>		2. NRC/REGIONAL OFFICE <b>Region III</b> <b>2443 Warrenville Road</b> <b>Lisle, IL 60532</b>	
3. DOCKET NUMBER(S) <b>030-02043</b>	4. LICENSE NUMBER(S) <b>21-04109-16</b>	5. DATE(S) OF INSPECTION <b>3/26/08</b>	
6. INSPECTION PROCEDURES USED <b>87130</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>2110</b>	2. PRIORITY <b>2</b>	3. LICENSEE CONTACT <b>Donald Peck</b>	4. TELEPHONE NUMBER <b>313/916-7042</b>
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: <b>3/2010</b>	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site			

**PROGRAM SCOPE**

Licensee is the regional medical center located in Detroit, Michigan. Licensee has a large nuclear medicine program conducting routine diagnostic, imaging, and therapy procedures. The licensee has six techs who perform approximately 25 - 30 procedures per day. This hospital receives its radiopharmaceuticals in the form of a generator from Mallinckrodt for technetium and unit doses for other radiopharmaceuticals from Cardinal Health. This hospital also performs approximately two to three iodine therapies per week using encapsulated iodine.

**Performance Observations**

The inspector toured the facilities and interviewed authorized users and staff members. Each appeared knowledgeable in radiation safety and isotope handling techniques. Package receipt procedures were demonstrated for the inspector. This hospital is equipped with an internal pharmacy from which doses are dispensed. Independent surveys by the inspector did not detect any abnormal reading and were within the expected range.

The inspector observed the nuclear medicine staff perform injections of radiopharmaceuticals. Techniques employed by the staff demonstrated good handling practices as well as adequate knowledge of radiation safety. During the course of the inspection, no abnormalities were noted.

The inspector also toured the cancer center. Staff members demonstrated the daily checks of the HDR unit. All were completed satisfactorily. The inspector reviewed a selection of written directives for this modality. No errors were noted. The inspector reviewed the last source exchange and the associated source return. All documentation was satisfactory. This hospital performs thera sphere procedures. The inspector had the opportunity to observe this procedure. Doses can be high if transfers are incomplete, however, during the inspection, there was a 98% transfer with minimal residual activity. No abnormalities were noted during this procedure.

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  
Henry Ford Hospital  
2799 West Grand Blvd  
Detroit, MI 48202  
REPORT NUMBER(S) 2008001

2. NRC/REGIONAL OFFICE  
U.S. Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road  
Suite 210  
Lisle, Illinois 60532-4351

3. DOCKET NUMBER(S)  
03002043

4. LICENSEE NUMBER(S)  
21-04109-16

5. DATE(S) OF INSPECTION  
March 26, 2008

**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) was/were discussed involving the following requirement(s) and Corrective Action(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)

**Licensee's Statement of Corrective Actions for Item 4, above.**

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	G. Parker		3/26/08