

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  
 Genesys Hurley Cancer Institute  
 320 Kensington  
 Flint, MI  
 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)  
 03036106

4. LICENSE NUMBER(S)  
 21-32323-01

5. DATE(S) OF INSPECTION  
 Jan 26, 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		1/26/10

**Docket File Information**  
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3. DOCKET NUMBER(S) 03036106		4. LICENSE NUMBER(S) 21-32322-01	5. DATE(S) OF INSPECTION Jan 26, 2010
6. INSPECTION PROCEDURES USED 87132		7. INSPECTION FOCUS AREAS 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 2230	2. PRIORITY 2	3. LICENSEE CONTACT Ahmed Akl	4. TELEPHONE NUMBER 810-762-8490
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Main Office Inspection                      Next Inspection Date: 01/02/2012

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

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

**PROGRAM SCOPE**

This licensee performs approximately six to seven HDR fractional treatments weekly using a Nucletron Micro Selectron HDR unit. The last source exchange for the unit occurred during December 2009 and at that time the manufacturer offered training to the staff. The licensee has three authorized users, two medical physicists and three dosimetrists on staff. This licensee does not have sufficient material to trigger the IC provisions.

**PERFORMANCE OBSERVATIONS**

The licensee demonstrated for the inspector the daily QA checks of the HDR unit. All were completed satisfactorily. The inspector reviewed all fractional treatments for 2010 and a percentage of those carried out in 2009. No errors were noted in the review of written directives. Interviews of the staff indicated an adequate level of knowledge of radiation safety. The licensee uses the dosimetry services of Landauer. A review of dosimetry results for 2009 did not detect any abnormal reading and were in line with what was expected for a facility of this size. Independent survey results of the facility did not detect any unusual readings. No violations of requirements were noted.