

# SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:  
Melaren Regional Medical Center  
401 South Ballenger Highway  
Flint, MI 48532  
REPORT NUMBER(S) 206-001

2. NRC/REGIONAL OFFICE  
REGION III  
US NUCLEAR REGULATORY COMMISSION  
2443 WARRENVILLE ROAD  
LISLE IL 60532

3. DOCKET NUMBER(S)  
03002048

4. LICENSE NUMBER(S)  
21-04171-04

5. DATE(S) OF INSPECTION  
Jan 27, 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. Park		1/27/10

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

1. LICENSEE/LOCATION INSPECTED: McLaren Regional Med Ctr REPORT NUMBER(S) 2010-001		2. NRC/REGIONAL OFFICE REGION III	
3. DOCKET NUMBER(S) 030-02048		4. LICENSE NUMBER(S) 21-04171-04	5. DATE(S) OF INSPECTION Jan 27, 2010
6. INSPECTION PROCEDURES USED 87130/87132		7. INSPECTION FOCUS AREAS 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 2240	2. PRIORITY 2	3. LICENSEE CONTACT Christopher Conlan, MD	4. TELEPHONE NUMBER 810-342-3830
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Main Office Inspection                      Next Inspection Date: 01/27/2012

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

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

**PROGRAM SCOPE**

Licensee is the regional medical center located in Flint, Michigan. Licensee has a large nuclear medicine program conducting routine diagnostic imaging and therapy procedures. The licensee has approximately four techs who perform about twenty procedures per day. This facility receives its radiopharmaceuticals in the form of a generator from Covidian for Tc-99 and unit doses from Cardinal Health for other radiopharmaceuticals.. The hospital also performs approximately two to three iodine procedures per week using encapsulated iodine.

**PERFORMANCE OBSERVATIONS**

The inspector toured the facility and interviewed members of the staff. Each appeared knowledgeable in radiation safety and isotope handling procedures. The inspector observed package receipt procedures. No abnormalities were noted. Independent surveys by the inspector did not detect any unusual readings. The inspector observed the staff perform injections of radiopharmaceuticals. Techniques employed demonstrated good material handling practices.

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 the HDR unit. No errors wer noted. The inspector reviewed the last source exchange and the associated source return. No problems were noted. Licensee has modified its license such that they can not be in possession of a sufficient quantities of material to subject them the IC's.

No violations of requirements were noted.