

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Mecosta County Medical Center
605 Oak Street
Big Rapids, MI 49307

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4351

REPORT NUMBER(S) 2010-01

3. DOCKET NUMBER(S)

030-13879

4. LICENSEE NUMBER(S)

21-18566-01

5. DATE(S) OF INSPECTION

October 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:

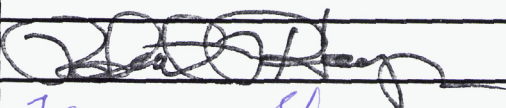

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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

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'S REPRESENTATIVE			
NRC INSPECTOR	Robert P. Hays		10/26/10
Branch Chief	TAMARA BLOOMER		11/10/10

NRC FORM 591 M PART 3 (06-2010) 10 CFR 2.201		U.S. NUCLEAR REGULATORY COMMISSION	
<i>Docket File Information</i> SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION			
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3. DOCKET NUMBER(S) 03013879	4. LICENSE NUMBER(S) 21-18566-01	5. DATE(S) OF INSPECTION October 26, 2010	
6. INSPECTION PROCEDURES 87131 (10/24/02)	7. INSPECTION FOCUS AREAS 03.01-03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM 2120	2. PRIORITY 3	3. LICENSEE CONTACT Daniel Butts, RSO	4. TELEPHONE NUMBER 231-592-4243
<div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> Main Office Inspection <input type="checkbox"/> Field Office Inspection _____ <input type="checkbox"/> Temporary Job Site Inspection _____ </div> <div style="text-align: right;"> Next Inspection Date: <u>October 2013</u> </div> </div>			
<p style="text-align: center;">PROGRAM SCOPE</p> <p>The licensee was a medical institution located in Big Rapids, Michigan, and authorized by the license to use any byproduct material as needed, permitted by 10 CFR 35.100, 35.200, and 35.300, at the location specified on the license.</p> <p>The nuclear medicine department was staffed with two full-time nuclear medicine technologists (NMTs). The NMTs administered an average of 6-8 cardiac studies and 5-6 other diagnostic studies per day. Although the licensee is authorized, no iodine-131 dosages have been administered since the previous inspection. The nuclear medicine department received unit doses from a Grand Rapids, MI nuclear pharmacy. All waste was either held for decay-in-storage (DIS) or returned to the nuclear pharmacy as limited quantity shipments. No change in NMTs or RSO since the previous inspection. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.</p> <p style="text-align: center;"><u>Performance Observations</u></p> <p>During the inspection, the licensee's NMTs (Jack Serio, Jessica Butts) demonstrated/discussed: (1) survey meter use and calibrations; (2) package check-in procedures; (3) dosage prep; (4) wipe test counting; (5) waste handling; (6) sealed source inventories and leak tests; (7) routine security of licensed material; (8) dose calibrator tests; (9) quarterly radiation safety program audits; (10) any contamination events (none since the previous inspection); and (11) dosimetry (< 10% of regulatory limits) for CY 2009: 391mr-DDE; 1080mr-finger; and 2010 YTD 2010: 194mr-DDE; 700mr-finger</p>			