NRC FORM 591M PART 1
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Mecosta County Medical Center 605 Oak Street Big Rapids, Michigan 49307 REPORT 2007-001	REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-13879	21-18566-01	July 25, 2007

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		Geoffrey M. Warren		7/25/07

NRC FORM 591M PART 3
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Mecosta County Medical Center REPORT NUMBER(S) 2007-001	**Region III**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-13879	21-18566-01	July 25, 2007

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87131	03.01 - 03.08

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02120	3	Daniel A. Butts, RT, RSO	231-592-4243

[X] Main Office Inspection — Next Inspection Date: **7/2010**

[ ] Field Office _____

[ ] Temporary Job Site _____

PROGRAM SCOPE

The licensee was a 74-bed hospital located in Big Rapids, Michigan, which served a three-county area in western Michigan. Licensee had authorization to use byproduct materials under Sections 35.100, 35.200, and 35.300. While authorized activities under 35.300, the licensee had not performed any such procedures since before the previous inspection, though they intended to retain the authorization. Licensed activities were conducted only at the facility identified on the license.

The nuclear medicine department was staffed with two full-time nuclear medicine technologists and one additional technologist who filled in as needed. The licensee's nuclear medicine staff typically administered 250 diagnostic doses monthly. Doses were primarily technetium-99m for cardiac, bone, and other studies. In addition, licensee performed studies using iodine-123. Doses were received as unit doses from a licensed radiopharmacy or prepared from bulk technetium. All waste was held for decay-in-storage or returned to the radiopharmacy.

Performance Observations

The inspector observed two diagnostic administrations of licensed material including dose preparation and disposal, as well as package receipt surveys, and identified no issues with the activities. Licensee personnel demonstrated survey meter QC, dose calibrator constancy tests, and daily and weekly contamination surveys. The inspector found no concerns with these activities. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. Surveys indicated appropriate radiation levels in restricted and unrestricted areas.