NRC FORM 591M PART 1
(06-2010)
10 CFR 2.201

U.S NUCLEAR REGULATORY COMMISSION

# SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| 1. LICENSEE/LOCATION INSPECTED: | 2. NRC/REGIONAL OFFICE |
|---|---|
| **Grand Travers Heart Associates**<br>**1200 Sixth Street**<br>**Traverse City, MI 49684**<br><br>REPORT NUMBER(S) **2010-01** | **U.S. Nuclear Regulatory Commission**<br>**Region III**<br>**2443 Warrenville Road, Suite 210**<br>**Lisle, Illinois 60532-4351** |

| 3. DOCKET NUMBER(S) | 4. LICENSEE NUMBER(S) | 5. DATE(S) OF INSPECTION |
|---|---|---|
| **030-33324** | **21-26531-01** | October 28, 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 | | 10/28/10 |
| Branch Chief | TAMARA BLOOMER | Tamara Bloomer | 11/10/10 |

NRC FORM 591M PART 3 (06-2010)

NRC FORM 591 M PART 3 (06-2010)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

*Docket File Information*

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| 1. LICENSEE | 2. NRC/REGIONAL OFFICE |
|---|---|
| Grand Travers Heart Associates<br>1200 Sixth Street<br>Traverse City, MI<br>REPORT NUMBER(S) 2010-01 | U.S. Nuclear Regulatory Commission<br>Region III<br>2443 Warrenville Road, Suite 210<br>Lisle, Illinois 60532-4351 |

| 3. DOCKET NUMBER(S) | 4. LICENSE NUMBER(S) | 5. DATE(S) OF INSPECTION |
|---|---|---|
| 03033324 | 21-26531-01 | October 28, 2010 |

| 6. INSPECTION PROCEDURES | 7. INSPECTION FOCUS AREAS |
|---|---|
| 87130 (10/24/02) | 03.01-03.07 |

SUPPLEMENTAL INSPECTION INFORMATION

| 1.PROGRAM | 2. PRIORITY | 3. LICENSEE CONTACT | 4. TELEPHONE NUMBER |
|---|---|---|---|
| 2201 | 5 | Debby Wawrowicz, Supervisor | 1-800-637-4033 |

X Main Office Inspection — Next Inspection Date: October 2015

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a cardiac clinic authorized by the license to use any byproduct material as needed for any imaging and localization study permitted by 10 CFR 35.200 at the location specified on the license. The nuclear medicine department was staffed with three nuclear medicine technologists (NMTs) who routinely conducted an average of 11-15 patient studies, normally both rest and stress tests, each weekday. The licensee received unit doses as ordered from a local nuclear pharmacy. All waste was held for decay-in-storage (DIS) and unused doses returned to the nuclear pharmacy as a limited quantity shipment. No change in NMT staff or RSO since the previous inspection. The inspector performed independent and confirmatory radiation measurements and results were consistent with licensee records and postings.

## Performance Observations

Interviews with licensee personnel indicated adequate knowledge of radiation safety concepts and procedures. The licensee's NMTs (D. Wawrowicz, Liz Kevwitch) demonstrated/discussed: (1) package check-in procedures and wipe test counting; (2) dosimetry (2009: 382mr DDE, 860mr finger; YTD 2010: 297mr DDE, 790mr finger); (3) dose calibrator tests; (4) unit dose handling procedures; (5) security of licensed material; (6) radiation safety program audits; (7) rad waste procedures; (8) sealed source inventory and leak tests; and (9) any contamination events (none).