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 |
|---|---|
| Covenant Medical Center<br>1447 North Harrison<br>Saginaw, MI<br><br>REPORT NUMBER(S) 2008-001 | **U.S. Nuclear Regulatory Commission**<br>**Region III**<br>**2443 Warrenville Road**<br>**Suite 210**<br>**Lisle, Illinois 60532-4351** |

| 3. DOCKET NUMBER(S) | 4. LICENSEE NUMBER(S) | 5. DATE(S) OF INSPECTION |
|---|---|---|
| 030-02012 | 21-01492-02 | July 9, 2008 |

**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 | Deborah A. Piskura | Deborah A Piskura | 07/09/2008 |

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

**Docket File Information**

U.S. NUCLEAR REGULATORY COMMISSION

# SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

| 1. LICENSEE | 2. NRC/REGIONAL OFFICE |
|---|---|
| Covenant Medical Center, Inc.<br>REPORT NUMBER(S) 2008-001 | **Region III**<br>**2443 Warrenville Road, Suite 210**<br>**Lisle, IL 60532** |

| 3. DOCKET NUMBER(S) | 4. LICENSE NUMBER(S) | 5. DATE(S) OF INSPECTION |
|---|---|---|
| 030-02012 | 21-01492-02 | July 9, 2008 |

| 6. INSPECTION PROCEDURES USED | 7. INSPECTION FOCUS AREAS |
|---|---|
| 87130, 87131, 87132 | 03.01 – 03.08 |

**SUPPLEMENTAL INSPECTION INFORMATION**

| 1. PROGRAM CODE(S) | 2. PRIORITY | 3. LICENSEE CONTACT | 4. TELEPHONE NUMBER |
|---|---|---|---|
| 02120 | 3 | Mark Robert Ludka, M.D. RSO | 989-583-7000 |

[X] Main Office Inspection — Next Inspection Date: July 2011

[X] Field Office 5400 Mackinaw Road, Saginaw, Michigan

[ ] Temporary Job Site Inspection

## PROGRAM SCOPE

This licensee was a large medical center (630 beds) authorized to use licensed material permitted by Sections 35.100, 35.200, 35.300, and 35.400 at two locations of use in the Saginaw area. The licensee had a separate out-patient clinic which was staffed with a technologist on rotation from the main hospital. The licensee employed 7 full-time technologists (assisted by part-time agency technologists) who collectively performed approximately 1,200 diagnostic nuclear procedures per month. The licensee performed a full spectrum of diagnostic studies; cardiology studies were performed within a separate area within the hospital. The licensee received unit doses and bulk Tc-99m from a licensed radiopharmacy. In addition, the licensee administered I-131 hyperthyroid treatments (12-18 cases per year) and whole body CA follow up studies (1-2 cases per year). Radioiodine was obtained from the pharmacy in capsule form. Although authorized for 35.400 materials, the licensee had not performed implants since 2006. The licensee's consultant audited the radiation safety program on a quarterly basis.

This inspection consisted of interviews with licensee personnel, a review of selected records, tours of the nuclear medicine and radiation oncology departments, and independent measurements. The inspection included observations of security of byproduct material, use of personnel monitoring, dose calibrator QA checks, package receipts and surveys, and area surveys. The inspector observed licensee personnel prepare, assay and administer several unit dosages for various imaging procedures.