NRC FORM 591X PART 1
(11-2001) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/CERTIFICATE HOLDER	2. REGIONAL OFFICE
Location Inspected: **Centerpoint Medical Center of Independance d/b/a/ Centerpoint Medical Center 19600 East 39th Street Independence, MO 64057**	**US Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532**
REPORT NUMBER(S) 2008- 01	

3. DOCKET NUMBER(S)	4. LICENSE/CERTIFICATE NUMBER(S)	5. DATE(S) OF INSPECTION
030-13994	24-18655-01	5/ 21 /2007

Inspection Procedures Used:	Inspection Focus Areas:
87131 & 87132	**1 through 7**

LICENSEE/CERTIFICATE HOLDER:
The inspection was an examination of the activities conducted under your license/certificate as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license/certificate. 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:

[X] 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 in the 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 and as described in the attachment 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/ CERTIFICATE HOLDER	**Robert Thompson, M.D., , MS, RSO**		**5/ /2008**
NRC INSPECTOR	**Darrel G. Wiedeman**		**5/21/2008**

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REPORT NUMBER(S) **2008-** 01		
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Supplemental Inspection Information

Program Code(s): **02120**	Priority: **3**	Licensee Contact: **Robert Thompson, M.D. , RSO**	Telephone No. : **(816) 836-1826**

X Main Office Inspection Next Inspection Date: **05/2011**

Field Office

☐ Temporary Job Site

Program Scope

This licensee is a 270 bed privately owned and operated medical center.
Under this license the licensee oversees the nuclear medicine and radiopharmaceutical therapy program. All brachytherapy procedures were discontinued approximately one year ago.

Nuclear Medicine and Radiopharmaceutical Therapy

The licensee employees five full time nuclear medicine technologist and the department is staffed with twelve authorized users (physicians). The licensee receives unit doses of Tc99m/daily from a local nuclear pharmacy. The workload consists of the following: 700 diagnostic scans per month, 75% cardiac scans, 10% bone scans, 10% gall bladder/liver scans. The licensee does not use P-32, Au-198 or Sr-89 for cancer therapy. The licensee conducts two hyper thyroid treatments/month and 10-17 thyroid cancer treatments/year.

This inspection consisted of an in-depth review of the licensee's medical program.
According to the licensee staff that were interviewed, there have been no fires, explosions, fatalities (involving radioactive material) , medical events, recordable events or over exposures to radiation since the last NRC inspection. The inspector did not identify anything contrary to the above statements made by licensee staff. The highest whole body exposure for CY 2007-2008 was < 623 mrem/year to date and the highest extremity exposure was 4,300 mrem/year to date. The inspectors concluded that no worker or member of the public received a dose of radiation in excess of the limits specified in 10 CFR 20.1201 or 20.1301. The inspectors interviewed the nuclear medicine technologists and discussed their procedures for determining doses for patients undergoing iodine-131 hyperthyroid therapy. The inspectors reviewed 10 written directives for iodine-131 hyper thyroid and cancer therapy. No deficiencies were identified. The inspectors observed the licensee conduct a physical inventory of their calibration sources. All sources were accounted for. This program is audited be an outside consultant every three months. The inspectors reviewed the most recent audit report and no major deficiencies were identified.

Brachytherapy program
The licensee discontinued all brachytherapy procedures approximately one year prior to this inspection. The only brachytherapy sources used were iodine-125 and palladium-103 permanent implant seeds. All unused therapy seeds were returned to the manufacturer.

No violations of NRC requirements were identified within the scope of this inspection.