Page	1	of	3

NKC FORM 591X PART 1 (11-2001) 10 CFR 2.201			U.S. NUCLEAR REG	ULATORY COMMISSIO
SAFETY	INSPECTION REPORT		IANCE INSPECT	ION
1. LICENSEE/CERTIFICATE HOLDER Location Inspected: 19550 East 39 th Street, Suite 210 Independence, MO 64057		2. REGIONAL OFFICE US Nuclear Regulatory Commission Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532		
2008				
DOCKET NUMBER(S) 2007-01	4. LICENSE/CERTIFICATE NUM	IBER(S)	5. DATE(S) OF INSPECT	TION
030-36148	24-32674-01		5/ .	2/ 12008
nspection Procedures Used: 7130	Inspection Focus Are	eas: 1 through 7		
A section was an examination of the commission (NRC commission (NRC commission) (NRC c	ne activities conducted under your lick) rules and regulations and the conditi entative records, interviews with pers ngs, no violations were identified.	ense/certificate as they ions of your license/cei ionnel, and observatior	y relate to radiation safety an rtificate. The inspection com ns by the inspector. The ins	nd to compliance with the isisted of selective pection findings are as
 Previous Violation(s) Closed 3. The violation(s), specifically d 	escribed to you by the inspector as non-cit	ed violations, are not bein	ng cited because they were self	-identified. non-repetitive. a
corrective action was or is bei	ng taken, and the remaining criteria in the	NRC Enforcement Policy	, NUREG-1600, to exercise dis	cretion, were satisfied.
non-cited vio	plation(s) were discussed involving the follo	owing requirement(s):		
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SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/CERTIFICATE HOLDER Midwest Cardiology Associates | 2. REGIONAL OFFICE Region III, Lisle, IL 60532

REPORT NUMBER(S) 2008-01	
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3. DOCKET NUMBER(S) 030-36148	4. CIGENSE/GERTH IGATE HOMBER(3)	J. DATE(S) OF INSPECTION
	24-32674-01	5/ 21 /2008
	Supplemental Inspection Information	

Program Code(s): Priority: 5 Licensee Contact: Telephone No. : 02201 Steven Bloom, M.D., RSO (816) 478-9071

X Main Office Inspection

Next Inspection Date: 05/2013

Field Office

Temporary Job Site

Program Scope

This licensee is a private practice, physician owned and operated medical clinic. Under this license the licensee oversees a small cardiac nuclear medicine program. The license authorizes materials in 10 CFR 35. 200.

Nuclear Medicine Program

The licensee employs one full time and one part-time nuclear medicine technologist and the department is staffed with one nuclear medicine physician (authorized user). The licensee receives unit doses supplied by a local nuclear pharmacy. The workload consists of the following: six diagnostic scans per day which are all cardiac scans using Tc99m or TI-201. The license does not authorize use P-32, Au-198, Sr-89 or I-131 for therapy.

This inspection consisted of an in-depth review of the licensee's medical program. The licensee has an outside consultant conduct quarterly audits of it's program. The inspector reviewed a random sample of recent audit reports and did not identify any major deficiencies. 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 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 <300 mrem/month and the highest extremity exposure was <500 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 technologist and discussed the licensee's procedures for determining doses for patients undergoing routine diagnostic scans. No deficiencies were identified. The inspectors observed the licensee conduct a physical inventory of their calibration sources. All sources were accounted for.

During the inspection the inspectors asked the technologist to perform a constancy test on the dose calibrator with the same sealed source (Cs-137) and in the same manner in which it was performed earlier that morning. The constancy test results matched the licensee's records for the test performed earlier that same morning. During the inspection, the licensee's staff demonstrated: (1) a daily radiation survey; (2) a weekly removable contamination survey; (3) a package receipt and return survey. The inspectors performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour in the unrestricted areas around the nuclear medicine facility. All sealed sources are leak tested every 6-months by the licensee's consultant, all results were <.005 microcuries of removable contamination.

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