(10-2011) 10 CFR 2.201	SAFETY INSPECTION	REPORT AN		SPECTION	OMMINISSION .			
1. LICENSEE/LOC	CATION INSPECTED:		2. NRC/REGIONAL OFFICE					
Nuclear Diag P. O. Box 33 Springfield, 1	71		Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352					
REPORT NUME	BER(S) 12-01							
3. DOCKET NUME	BER(S)	4. LICENSE NUMBER(S)		5. DATE(S) OF INSPECTION	١			
030-12966		24-17561-01		September 12, 2012	2			
Regulatory Com	was an examination of the activities conductions and the same of t	he conditions of your	license. The inspection consists	ed of selective examination	ns of			
	ed on the inspection findings, no violations		······································	•				
3, The	cited because they were storcement Policy, to exerci							
	Non-cited violation(s) were discus	sed involving the follo	owing requirement(s):	•				
During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11. (Violations and Corrective Actions)								
	St nat, within 30 days, the actions described b ns is made in accordance with the requirem		will be taken to correct the viola					
date when full c	ompliance will be achieved). I understand		response to NRC will be require		uested.			
TITLE LICENSEE'S	PRINTED NAME		SIGNATURE		DATE			
REPRESENTAT	IVE			4				
NRC INSPECTO	DR Robert P. Hays		Oduto.	tonx-	9/12/10			
BRANCH CHIE	F Tamara E. Bloomer		11/1/11	tr 1	9/20/R			

NRC FORM 591M PART 1 (10-2011)

NRC FORM 591M PART 2			U.S. NUCLEAR REGULATORY COMMISSION			
(10-2011) 10 CFR 2.201	SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION					
1. LICENSEE/LOCATION	ON INSPECTED:	2. NRC/REGIONAL OFFICE				
Nuclear Diagnosis, Inc. P. O. Box 3371 Springfield, MO 65808			Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352			
REPORT NUMBER(S)	12-01					
3. DOCKET NUMBER(S	5)	4. LICENSE NUMBER	R(S)	5. DATE(S) OF INSPECTION		
030-12966		24-17561-01		September 12, 2012		

(Continued)

Performance Observations

During the inspections, the licensee's NMT at Monett, MO and NMT Manager demonstrated/discussed as applicable: (1) survey instruments and required surveys; (2) package receipt and check-in procedures; (3) wipe test counting; (4) DOT shipping requirements and HAZMAT training (December 2011); (5) unit dose preparation, safe handling, and assay procedures; (5) waste storage and handling; (6) sealed source inventories and leak tests; (7) security and storage of licensed material; (8) radiation safety program audits; (9) dosimetry [< 10% of annual regulatory limit at each location]; and (10) any contamination events (none since previous inspection).

The inspector performed independent and confirmatory radiation measurements, which indicated results consistent with licensee survey records and postings.

NRC FORM 591M PART 3			It & MII	CLEAD DECLII ATODY COMMISSION				
(10-2011) Docket File Information								
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION								
1. LICENSEE/LOCATION INSPECTI	ED:		2. NRC/REGIONAL OFFICE					
Nuclear Diagnosis, Inc.			Region III					
P. O. Box 3371			_	tory Commission				
Springfield, MO 65808			U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210					
Springhold, MO 05000			Lisle, IL 60532-4352					
REPORT NUMBER(S) 12-01			21010, 12 00002 100.					
3. DOCKET NUMBER(S)	,	4. LICENSE NUMBER(NUMBER(S) 5. DATE(S) OF INSPECTION					
030-12966		24-17561-01		September 12, 2012				
6. INSPECTION PROCEDURES USE	D	7. INSPECTION FOCUS AREAS						
87130		03.01-03.07						
			ON INFORMATION					
1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTAC		4. TELEPHONE NUMBER				
2220	3	Larry Albaugh,	NMT Manager	(417) 880-5032				
✓ Main Office Inspec	ction	Next Inspection	Date: 09/11/20	15				
✓ Field Office Inspec	ction Cox-Monett I	Hospital, Monett, I	MO					
Temporary Job Sit	e Inspection	anno anno	Announced services to the contract of the cont	Analogus grows				
		PROGRAM SO	OPE					
The licensee was authorized for mobile medical service with authorization by the license to use byproduct materials for diagnostic and therapeutic medical procedures under 10 CFR 35.100, 35.200, and 35.300, at nine locations specified on the license and temporary job sites of medical care facilities where NRC has jurisdiction. The licensee currently is using licensed material only at locations specified on the license. The inspection reviewed radiation safety programs at the licensee's facilities located at Monett, MO and Springfield, MO. An inspection was attempted at Aurora, MO, however, licensed activities were conducted only on Tuesdays and Thursdays each week.								
At Monett, MO the licensee is authorized for 10 CFR 35.100, and 35.200 procedures only. The licensee's Nuclear Medicine Department routinely conducts an average of 2-4 diagnostic patient studies with one nuclear medicine technologist (NMT). Patient studies are regularly conducted Monday-Thursday, and Friday, if needed. The licensee receives unit doses from a Springfield, MO nuclear pharmacy which are delivered to the licensee's Mt.Vernon, MO facility and transported from Mt.Vernon to Monett by the NMT. All waste was either held for decay-in-storage (DIS) or transported back to Mt.Vernon as limited quantity shipments. The licensee does not use a dose calibrator at the Monett, MO facility, but uses the licensee's Syntrac system to calculate-assay the activity of the unit dose prior to injection.								
At the Springfield, MO facility, no patient studies are performed. The location is used periodically to receive Tc-99m unit doses from a Springfield, MO nuclear pharmacy as ordered by the NMT Manager. The facility serves as a convenient location for the nuclear pharmacy to deliver unit doses, instead of transporting the unit doses to the locations authorized on the license. The unit doses are ordered when the NMT Manager will be doing the patient studies at one of the authorized locations and are subsequently transported by the NMT Manager to the location of use. Performance Observations Continued on Page 2								
1 criormance observations continued on 1 age 2								