

UNITED STATES NUCLEAR REGULATORY COMMISSION

REGION III 2443 WARRENVILLE RD. SUITE 210 LISLE, IL 60532-4352

July 15, 2016

Mr. Craig Adams, Director National Health Physics Program (115 HP/NLR) Department of Veterans Affairs Veterans Health Administration 2200 Fort Roots Drive North Little Rock, AR 72114

SUBJECT: NRC INSPECTION REPORT 03034325/2016006(DNMS) — VA MEDICAL CENTER, FAYETTEVILLE, NORTH CAROLINA

Dear Mr. Adams:

On June 22, 2016, the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at the VA Medical Center, Fayetteville, North Carolina. The inspection was limited to a review of activities authorized under Permit Number 32-13654-01. The inspector conducted an exit meeting with the management and staff at the facility at the completion of the inspection.

The inspection was an examination of activities conducted under the Permit as they relate to radiation safety and to compliance with the Commission's rules and regulations. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, independent measurements, and observation of activities in progress. Within the scope of the inspection no violations of NRC requirements were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at http://www.nrc.gov/reading-rm/adams.html.

Should you have any questions concerning this inspection or the enclosed report, please contact Kevin Null of my staff at (630) 829-9854.

Sincerely,

Patricia J. Pelke, Chief Materials Licensing Branch

Division of Nuclear Materials Safety

Docket No. 030-34325 License No. 03-23853-01VA Permit No. 32-13654-01

Enclosure: IR 03034325/2016006(DNMS)

Should you have any questions concerning this inspection or the enclosed report, please contact Kevin Null of my staff at (630) 829-9854.

Sincerely,

/RA/

Patricia J. Pelke, Chief Materials Licensing Branch Division of Nuclear Materials Safety

Docket No. 030-34325 License No. 03-23853-01VA Permit No. 32-13654-01

Enclosure: IR 03034325/2016006(DNMS)

DISTRIBUTION:
Darrell Roberts
John Giessner
Christine Lipa
Richard Skokowski
Carole Ariano
Paul Pelke
Carmen Olteanu

N Publicly	cession Number: Available [☐ Non-Publicly Available	Sensitive Copy without attach/encl "E" = Co	Non-Sensitive opy with attach/end "N" = No	сору
OFFICE	RIII-DNMS	RIII-DNMS	RIII-DNMS	RIII	
NAME	TWeidner:ps	KNull	PJPelke		
DATE	7/15/2016	7/15/2016	7/15/2016		



SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1881	/							
1. LICENSEE/LOCATI	ON INSPECTED:		2. NRC/REGIONAL OFFICE					
Department of V Under Secretary Washington, D.O Location: VA M REPORT NUMBER(for Health C. Medical Center, Fayetteville, NC	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352						
3, DOCKET NUMBER(S)	4. LICENSE NUMBER	(S)	5. DATE(S) OF INSPECT	TION			
030-34325		03-23853-01VA		June 22, 2016				
Regulatory Commiss procedures and repre	an examination of the activities conduction (NRC) rules and regulations and the esentative records, interviews with persection findings, no violations we	e conditions of your l onnel, and observation	icense. The inspection consist	ed of selective examin	ations of			
3. The violat	Previous violation(s) closed. The violations(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, to exercise discretion, were satisfied.							
, <u></u>	Non-cited violation(s) were discussed involving the following requirement(s):							
cited in ac with 10 CI	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)							
24								
	Sta	tement of Correct	tive Actions					
corrective actions is n	ithin 30 days, the actions described by it made in accordance with the requirement ance will be achieved). I understand th	me to the Inspector w	vill be taken to correct the viola (corrective steps already taken	, corrective steps whic	h will be taken,			
TITLE	PRINTED NAME		SIGNATURE		DATE			
LICENSEE'S REPRESENTATIVE			1 0					
NRC INSPECTOR	Tara L. Weidner	(d)	Hoor Son I Wil	idnes .	7/15/204			
BRANCH CHIEF	Patricia J. Pelke	X.	water Hel	24	7/15/204			
NRC FORM 591M PART 1 (0	07-2012)		//					

NRC FORM 591M PART 3 (07-2012) 10 CFR 2.201	Docket File Information						
SAFE	TY INSPECTION	REPORT AND	COMPLIANCE IN	SPECTION			
1. LICENSEE/LOCATION INSPECT	ED:		2. NRC/REGIONAL OFFICE				
Department of Veterans A Under Secretary for Healt Washington, D.C. Location: VA Medical C REPORT NUMBER(S) 20160	th enter, Fayetteville, N	С	Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352				
3. DOCKET NUMBER(S)		4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION			
030-34325		03-23853-01VA		June 22, 2016			
6. INSPECTION PROCEDURES US 87130	ED	7. INSPECTION FOCUS AREAS All					
	SUPPLEM	I ENTAL INSPECT	ON INFORMATION				
1. PROGRAM CODE(S) 02121	2. PRIORITY 3	3. LICENSEE CONTAC Craig Adams (N	T _w	4. TELEPHONE NUMBER (501) 257-1573			
Main Office Inspection Next Inspection Date: N/A N/A							
This was a routine unannounced inspection of a permittee under the VA master materials license authorized for 35.100, 35.200, gadolinium-153, and iodine-125. There were three full-time nuclear medicine technologists (NMT), operating three cameras. The nuclear medicine clinic performed the full range of diagnostic procedures, however the majority of the studies were bone scans and cardiac studies. Approximately 15 studies were performed per day. The permittee used technetium-99m unit dosages supplied by Shertech in Kernersville, NC. All dosages were assayed in the dose calibrator prior to administration, and the dose calibrator quality control was performed in accordance with the manufacturer's instructions. The hot lab was secured by a key pad entry. All areas of use and storage were found to be properly posted and all permitted material was appropriately labeled. Instrumentation that was used to perform radiation surveys was calibrated, and the NMTs were knowledgeable of the operation. Radiation area surveys were performed daily, and contamination surveys were done weekly. All of the NMTs wore lab coats, gloves, and whole body/ring dosimeters. Dosimetry was provided by Landauer and exchanged on a monthly basis. Dosimetry results were maintained by the Radiation Safety Officer (RSO) and provided to the NMTs each month. The RSO is an authorized users and is on-site daily. The current permit also authorized the facility for gadolinium-153 sealed sources and 1 millicurie of iodine-125, both for storage only incident to disposal. According to an NMT, the gadolinium-153 sources were transferred to an authorized recipient in 2013. The RSO indicated that the iodine-125 sources were disposed of under the previous RSO. The permit expires in November 2016, and the permittee plans to have the material removed from their permit when they submit their application for renewal. Within the scope of this inspection, no violations were identified.							
			2				