



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

February 3, 2012

Mr. Gary Williams, 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 030-34325/12-002(DNMS) – VA MEDICAL  
CENTER, ORLANDO, FLORIDA**

Dear Mr. Williams:

On January 4, 2012, the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at the VA Medical Center in Orlando, Florida. The inspection was limited to a review of activities authorized under Permit Number 09-00675-01. The inspector conducted an exit briefing with the staff at the Medical Center 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 these inspections no violations of NRC requirements were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

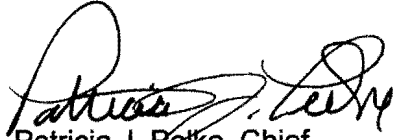
In accordance with Title 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS),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

G. Williams

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Should you have any questions concerning these inspections or enclosed reports, 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. 09-00675-01

Enclosure:  
Inspection Report 030-34325/12-002(DNMS)

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Carole Ariano  
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Patricia Buckley  
Tammy Tomczak  
MIB Inspectors

G. Williams

-2-

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*/RA/*

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**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Department of Veterans Affairs Under Secretary for Health Washington, D.C. Location: VA Medical Center - Orlando, Florida  REPORT NUMBER(S) 12-002	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-34325	4. LICENSE NUMBER(S) 03-23853-01VA	5. DATE(S) OF INSPECTION 1/4/2012
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6. INSPECTION PROCEDURES USED 87131	7. INSPECTION FOCUS AREAS 3.01-3.07
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**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 2120	2. PRIORITY 3	3. LICENSEE CONTACT Gary Williams	4. TELEPHONE NUMBER (501) 257-1573
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Main Office Inspection                      Next Inspection Date: \_\_\_\_\_

Field Office Inspection    VA Medical Centers in Orlando and Viera, FL

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

This was an unannounced assist inspection of a Department of Veterans Affairs permittee. The VA Medical Center performs licensed activities under 35.100; 35.200; and 35.300 materials at two locations of use. The main hospital is located in Orlando (three cameras) and an outpatient clinic is located in Viera, Florida (one camera). The Orlando location is staffed by three Nuclear Medicine Technologists (NMT) who perform studies on an average of 15 patients per day. The Viera location is staffed by one NMT who sees an average of six patients per day. The inspector interviewed the NMTs and found them to be knowledgeable of radiation safety practices and regulatory requirements.

The Nuclear Medicine departments perform a full range of diagnostic tests. Cardiac studies account for the bulk of the total studies. The remainder are bone, hepatobiliary, renal, gastric emptying, thyroid uptakes, etc. The licensee primarily uses Technetium-99m, with the occasional use of Thallium-201, Gallium-67, and Iodine-123. Both locations use unit doses supplied by Cardinal Health. No PET activities are conducted at either facility. Iodine-131 capsules are used for outpatient therapy at the Orlando location only. All patients are provided with appropriate release instructions. Seven procedures requiring a written directive were performed since the 2011 inspection. The inspector reviewed the written directives and found them to be in compliance with the regulations. All doses are assayed in a dose calibrator prior to administration.

The Radiation Safety Officer (RSO) is a full time employee of the Medical Center who reports directly to the Chief of Staff. The RSO is responsible for providing employee training, audits of both locations of use, sealed source inventories and leak tests, review of dose calibrator calibrations, and survey meter calibration, etc.

Independent radiation level surveys were performed and found to be consistent with the licensee's surveys.

