



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

July 10, 2008

E. Lynn McGuire, Director  
National Health Physics Program (115HP/NLR)  
Department of Veterans Affairs  
Veterans Health Administration  
2200 Fort Roots Drive  
Little Rock, AR 72114

**SUBJECT: NRC INSPECTION REPORT 030-34325/08-08(DNMS) (FORM 591M PART 1)  
MEDICAL CENTER, MILWAUKEE, WISCONSIN**

Dear Mr. McGuire:

This refers to the inspection conducted on June 20, 2008, at the Department of Veterans Affairs, Medical Center, Milwaukee, Wisconsin. The inspection was limited to a review of activities authorized under Permit No. 48-02130-02. The inspector conducted an exit briefing with the staff at the Medical Center at the completion of the inspection.

Within the program areas reviewed during this inspection, the inspector did not identify any violations of NRC requirements. Therefore, you are not required to respond to this letter.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

A handwritten signature in black ink, appearing to read "Patricia J. Pelke".

Patricia J. Pelke, Chief  
Materials Licensing Branch

Docket No. 030-34325  
License No. 03-23853-01VA  
Permit No. 48-02130-02

Enclosure:  
Inspection Report 030-34325/08-08(DNMS) (Form 591M Part 1)

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <b>Clement J. Zablocki VA Medical Center</b> <b>5000 West National Ave.</b> <b>Milwaukee, Wisconsin 53295</b>  REPORT NUMBER(S) <b>2008-08</b>	2. NRC/REGIONAL OFFICE  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III</b> <b>2443 Warrenville Road</b> <b>Suite 210</b> <b>Lisle, Illinois 60532-4351</b>
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3. DOCKET NUMBER(S) <b>030-34325</b>	4. LICENSEE NUMBER(S) <b>03-23853-01VA</b>	5. DATE(S) OF INSPECTION <b>6/20/2008</b>
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**LICENSEE:**  
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. 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:

- 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) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or 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.  
 (Violations and Corrective Actions)

**Licensee's Statement of Corrective Actions for Item 4, above.**

I hereby state that, within 30 days, the actions described by me to the inspector 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'S REPRESENTATIVE	<b>Paul Ward, M.S., J.D., RSO</b>		
NRC INSPECTOR	<b>Darrel G. Wiedeman</b>		<b>6/20/2008</b>

**SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**



1. LICENSEE <b>Zablocki VA Medical Center</b> REPORT NUMBER(S) <b>2008-08</b>		2. NRC/REGIONAL OFFICE <b>Region III</b> <b>2443 Warrenville Road, Suite 210</b> <b>Lisle, IL 60532</b>	
3. DOCKET NUMBER(S) <b>030-34325</b>	4. LICENSE NUMBER(S) <b>03-23853-01VA</b>	5. DATE(S) OF INSPECTION <b>6/20/2008</b>	
6. INSPECTION PROCEDURES USED <b>87134, 87131 &amp; 87132</b>		7. INSPECTION FOCUS AREAS <b>1 through 7</b>	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>02110</b>	2. PRIORITY <b>2</b>	3. LICENSEE CONTACT <b>Paul Ward, M.S., J.D., RSO</b>	4. TELEPHONE NUMBER <b>(414) 384-2000 X42631</b>
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Main Office Inspection      Next Inspection Date: \_\_\_\_\_

Field Office \_\_\_\_\_

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

**PROGRAM SCOPE**

This permitte is a 600 bed U.S. Government owned and operated Veterans Hospital. Under this permit (No. 48-02130-02) the permitte oversees the nuclear medicine, radiopharmaceutical and limited research/development programs (12 R&D researchers). All brachytherapy use (treatments) were discontinued several years ago and patients are now referred to other VA facilities that provide that service. The permitte has an outside consultant that conducts quarterly regulatory audits and is periodically inspected by the National Health Physics Program (NHPP) staff.

**Nuclear Medicine and Radiopharmaceutical Therapy**

The permitte employs five (5) full time and one (1) part-time nuclear medicine technologists and the department is staffed with four (4) rotating authorized users (physicians). The permitte receives daily unit doses and two Mo-Tc99m generators per week supplied by a local nuclear pharmacy. The workload consists of the following: 400 diagnostic scans per month, 50% cardiac scans, 30% bone scans, 10% gastric and 1 hyperthyroid treatment/month. The permittee is authorized, but does not use P-32, Sr-89, I-131 or Au-198 for cancer therapy.

This inspection consisted of an in-depth review of the permitte's medical programs. According to the 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 NHPP inspection. The inspector did not identify anything contrary to the above statements made by licensee staff. The highest whole body exposure for CY 2007 was 415 mrem/year to date and the highest extremity exposure was 6,300 mrem. The inspector 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 inspector interviewed the nuclear medicine technologists and discussed their procedures for determining doses for patients undergoing iodine-131 hyper thyroid therapy. The inspector reviewed a random sample of written directives for iodine-131 hyper thyroid therapy. No deficiencies were identified. The inspector observed the licensee conduct a physical inventory of their calibration sources and all sources were accounted for.

**Conventional Brachytherapy Program**

At the time of this inspection the permitte's conventional brachytherapy program was inactive.

**Cyclotron Produced Pharmaceuticals**

Currently, the permitte has an agreement with a local (Wisconsin) licensee to supply 2-3 doses of fluorine-18/week (15 millicuries/dosage) for PET imaging of patients. No other use of cyclotron pharmaceuticals are used at this facility.

**No violations of NRC requirements were identified.**