

Docket File Information
SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION



1. LICENSEE Marquette General Health System REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 030-18133	4. LICENSE NUMBER(S) 21-05432-04	5. DATE(S) OF INSPECTION 1/23/2007	
6. INSPECTION PROCEDURES USED 87131/87132		7. INSPECTION FOCUS AREAS 3.1-3.7	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 2240	2. PRIORITY G2	3. LICENSEE CONTACT Julia (Shan) Marlette - RSO	4. TELEPHONE NUMBER 906-225-3777
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<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 1/2009
<input type="checkbox"/> Field Office _____	
<input type="checkbox"/> Temporary Job Site _____	

PROGRAM SCOPE

The licensee has on staff 14 authorized users and one medical physicist. During the inspection, the 420 W. Magnetic Street and 580 W. College facilities were inspected.

Since the last inspection:

Permitted under 10 CFR 35.1000: The licensee has terminated its Novoste treatment system therapy and has not performed any activities since the last inspection. The licensee is currently using Y-90 sources for treatment of certain types of cancer and performing 1-5 administrations per year.

Permitted under 10 CFR 35.400: The licensee performs approximately 1 permanent seed implant using I-125 per year and 5-10 brachytherapy using Cs-137 per year. A Sr-90 eye applicator has not been used since the last inspection.

Permitted under 10 CFR 35.300: The licensee performs approximately 10-20 iodine-131 treatments per year. These activities are performed at the main facility.

Permitted under 10 CFR 35.200: The licensee performs approximately 5-15 administrations per day. The licensee primarily uses Tc-99m for various types of scans and X-133 for lung scans. The licensee receives a generator once a week.

The licensee has a Cs-137 source used for the calibration of survey instruments.

The licensee has not performed activities under 10 CFR 35.100 since the last inspection.

Performance Observations

The inspector interviewed the licensee's management, radiation safety officer, nursing staff, authorized users and other staff members and found that personnel were knowledgeable regarding their responsibilities under the license. The licensee adequately demonstrated to the inspector the safe use of licensed material. The inspector took a physical inventory of sealed sources and reviewed the licensee's security for licensed material and did not identify any regulatory issues. The inspector reviewed a representative sample of written directives and did not identify any issues. The inspector performed independent surveys and side-by-side comparisons between NRC and licensee survey equipment and did not identify any issues. The inspector reviewed a representative sample of the licensee's dosimetry records for 2006 and 2005 and noted exposures to employees were less than regulatory limits.

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Marquette General Health System Marquette, Michigan		2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532	
REPORT	2007-001		
3. DOCKET NUMBER(S) 030-18133	4. LICENSEE NUMBER(S) 21-05432-04	5. DATE(S) OF INSPECTION 1/23/07	

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	Dennis D Bee		1/23/07
NRC INSPECTOR	Michael M LaFranzo		1/23/07

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