

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: St. Mary's Health Center 6420 Clayton Road St. Louis, MO 63117 REPORT NUMBER(S)		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351	
3. DOCKET NUMBER(S) 030-02351	4. LICENSEE NUMBER(S) 24-08960-02	5. DATE(S) OF INSPECTION February 28, 2008	

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:

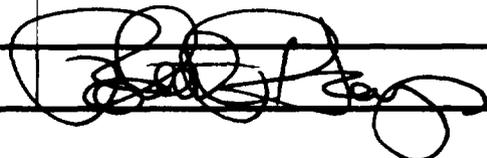
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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):

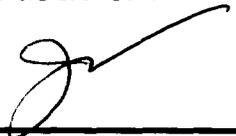
- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

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			
NRC INSPECTOR	Robert P. Hays		2/28/08

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**



1. LICENSEE St. Mary's Health Center REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 03002351	4. LICENSE NUMBER(S) 24-08960-02	5. DATE(S) OF INSPECTION February 28, 2008	
6. INSPECTION PROCEDURES USED 87132 (12/6/05)		7. INSPECTION FOCUS AREAS 03.01-03.07	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Alex Hashemi, RSO	4. TELEPHONE NUMBER 314-768-8276
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Main Office Inspection Next Inspection Date: **February 2010**

Field Office _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a medical institution located in St. Louis, MO with authorization by the license for diagnostic and therapeutic nuclear medicine procedures, low dose brachytherapy procedures, and a Nucletron Classic remote afterloading brachytherapy unit as permitted by 10 CFR 35.600 at the location authorized on the license. The previous inspection included diagnostic and therapeutic nuclear medicine procedures. The current inspection effort focused on the safe use and NRC requirements for the Nucletron Classic remote afterloading brachytherapy unit. The licensee's oncology staff included a primary authorized user, one FT medical physicist/RSO, and one dosimetrist who perform pre-treatment setup, calibrations, and treatment plans. The Nucletron unit is used for female reproductive cancer therapies and averages one patient fraction per week. Each treatment fraction is actuated by the authorized user at the console. No change in authorized user or RSO since the previous inspection.

Performance Observations

During the inspection, the licensee's medical physicist/RSO demonstrated/discussed: (1) survey instruments and required surveys; (2) package receipt and return procedures (3) dosimetry; (4) written directives and treatment plans; (5) security of licensed material; (6) electrometer and survey instrument calibrations; (7) quarterly calibrations and treatment checks; (8) daily checks performed prior to each treatment; (9) emergency equipment and procedures; (10) annual refresher training/emergency drills; (11) postings; and (12) radiation safety program audit results.