

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <b>Research Medical Center                  Midwest Gamma Knife Center                  Kansas City, Missouri</b>	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) 030-33507	4. LICENSEE NUMBER(S) 24-17998-02	5. DATE(S) OF INSPECTION 4/24/07
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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			
NRC INSPECTOR	Michael M LaFranzo	<i>Michael M LaFranzo</i>	4/27/07

**Docket File Information**  
**SAFETY INSPECTION REPORT**  
**AND COMPLIANCE INSPECTION**

1. LICENSEE <b>Research Medical Center</b> REPORT NUMBER(S) 2007-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) <b>030-33507</b>	4. LICENSE NUMBER(S) <b>24-17998-02</b>	5. DATE(S) OF INSPECTION <b>4/24/2007</b>	
6. INSPECTION PROCEDURES USED <b>87133</b>	7. INSPECTION FOCUS AREAS <b>3.1-3.7</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>2310</b>	2. PRIORITY <b>2</b>	3. LICENSEE CONTACT <b>Dr. Steven Slack - RSO</b>	4. TELEPHONE NUMBER <b>816-795-4999</b>
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Main Office Inspection      Next Inspection Date: **4/2009**

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

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

**PROGRAM SCOPE**

License Number 24-17998-02 authorizes Research Medical Center to conduct gamma stereotactic radiosurgery. The staff consists of three physicists, four authorized users (human use) and five authorized users (non-human use). The licensee conducts approximately 60 treatments per year.

*Performance Observations*

During the inspection, the licensee's RSO/Medical Physicist demonstrated or discussed annual calibrations and surveys, monthly spot-checks and procedures, daily checks before each patient treatment; no violations of NRC requirements were identified. The inspector interviewed members of the licensee staff and found they had adequate knowledge to ensure compliance with NRC requirements. The inspector performed radiation surveys of the area where licensed material was used and found no abnormal radiation levels. The inspector reviewed a representative sample of the licensee's radiation safety audits, written directives and dosimetry records; no abnormal issues were identified. The inspector noted that the licensee's security of licensed material was adequate to ensure compliance with 10 CFR Part 20.