

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Madison County Cancer Care Center, LLC 1340 North Madison Avenue Anderson, IN 46011  REPORT Nos 2011-001		2. NRC/REGIONAL OFFICE  U.S. Nuclear Regulatory Commission Region III, 2443 Warrenville Road Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-36525	4. LICENSE NUMBER(S) 13-32500-01	5. DATE(S) OF INSPECTION 7/22/2011	

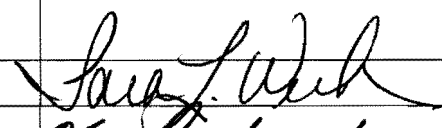

## LICENSEE:

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.

## 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	Tara L. Weidner		7/22/2011
BRANCH CHIEF	Tamara Bloomer		8/11/11

SUNSI Review Completed By: / RA / TLWeidner



Public



Non-Sensitive

Initial	Announced	X	Unannounced	X	Routine	Special	Increased Controls
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**NRC FORM 591M PART 3**  
(10-2011) 10 CFR 2.201

**U.S. NUCLEAR REGULATORY COMMISSION**

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

<b>1. LICENSEE</b>  Madison County Cancer Care Center, LLC  REPORT NO(S).      2011-001	<b>2. NRC/REGIONAL OFFICE</b>  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III, 2443 Warrenville Road</b> <b>Lisle, IL 60532</b>	
<b>3. DOCKET NUMBER(S)</b> 030-36525	<b>4. LICENSE NUMBER(S)</b> 13-32500-01	<b>5. DATE(S) OF INSPECTION</b> July 22, 2011
<b>6. INSPECTION PROCEDURES USED</b> 87132	<b>7. INSPECTION FOCUS AREAS</b> 3.01-3.07	<b>8. INSPECTOR</b> T. Weidner

**SUPPLEMENTAL INSPECTION INFORMATION**

<b>1. PROGRAM</b>  2230	<b>2. PRIORITY</b>  2	<b>3. LICENSEE CONTACT</b>  James Currier, M.D. - RSO	<b>4. TELEPHONE NUMBER</b> 765-622-7600
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☒ Main Office Inspection

Next Inspection Date: July 2013

  
☐ Field Office \_\_\_\_\_
  
☐ Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

Madison County Cancer Care Center is a private practice oncology center authorized to possess a high dose rate remote afterloader (HDR). Approximately 1-2 patients are treated per month. Although five physicians and ten authorized medical physicists (AMP) are listed on the license, there is one AU and AMP that perform HDR treatments. The majority of the treatments are mammosites (10 fractions per treatment) with the balance being vaginal cylinders (3-5 fractions per treatment) and prostates (2 fractions per treatment).

The HDR is stored in a locked closet within an accelerator room. The keys are controlled by the AMP. The area is equipped with all required warning signs and an operable video/intercom system and radiation monitor. Emergency procedures, with required telephone numbers, were available at the console and emergency response equipment is located by the HDR unit. Quarterly source exchanges an annual maintenance is performed by Nucletron. The source was last exchanged on 7/20/11.

Performance Observations

On the day of the inspection, no HDR procedures were scheduled. The AU that is normally present during procedures was available and a substitute AMP was available. The inspection consisted of interviews of the AU and AMP, tour of the facility, simulations of the daily spot checks, and a review of selected records (daily spot checks, full calibrations, written directives, leak tests/inventories, dosimetry, etc.).

An exit meeting was held with the AU/RSO and the AMP to review the findings of the inspection. No violations were identified and a clear Form 591M Part 1 was issued in the field.