

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: West Michigan Cancer Center 200 North Park Street Kalamazoo, MI 49007 REPORT NUMBER(S) 12-001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-36539	4. LICENSE NUMBER(S) 21-32501-01	5. DATE(S) OF INSPECTION August 23, 2012	

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:

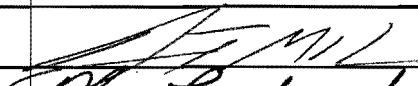

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is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

Non-cited violation(s) were discussed involving the following requirement(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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

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	Aaron T. McCraw		8/23/12
BRANCH CHIEF	Tamara E. Bloomer		8/29/12

Docket File Information

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6. INSPECTION PROCEDURES USED IP 87132	7. INSPECTION FOCUS AREAS 03.01-03.09
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Paul Jursinic, Ph.D., RSO	4. TELEPHONE NUMBER (269) 373-7408
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Main Office Inspection Next Inspection Date: 08/23/2014
 Field Office Inspection
 Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection of a stand-alone cancer treatment center in Kalamazoo, Michigan. The licensee was authorized to use a high-dose rate remote afterloader unit under 10 CFR 35.600. The licensee performed fractionated procedures (up to 5 fractions) on 2-3 patients per week. The licensee primarily performed gynecological treatments, with an occasional breast treatment. The licensee had previously conducted endobronchial treatments, but had not conducted any since the last inspection. The licensee's HDR staff involved two authorized users, three medical physicists, and a team of dosimetrists. The licensee also possessed a strontium-90 source for use during the biannual calibration of an ion chamber.

PERFORMANCE OBSERVATIONS

The licensee was not scheduled to perform any patient procedures on the day of the inspection; however, the licensee conducted, and the inspector observed, the daily operations check on the HDR unit. The daily operations check involved a check of the device's safety features, such as source retraction and emergency stops; the accuracy and linearity of the device's and treatment console's calendar and timer; the accuracy of the device's source positioning system; the function of the radiation detector and safety lights; the operability of the intercom and video-monitoring equipment; and the availability of emergency procedures and emergency source handling equipment.

The inspector interviewed available personnel and records for device maintenance and source exchanges, calibration records for radiation detection equipment, and dosimetry reports. Quarterly dosimetry reports indicated that personnel doses were within regulatory limits. The inspector reviewed a sample of patient treatment records for all types of applicators used during the inspection period. All treatments were conducted in accordance with the written directives.

The inspector noted one minor violation regarding the timeliness of notifications of authorized users permanently discontinuing services. The licensee had three authorized users discontinue services in the inspection period. The licensee stated there was uncertainty as to when the authorized users permanently discontinued services due to certain circumstances, which affected the licensee's ability to notify NRC within 30 days. The inspector discussed the importance of timely notifications with the licensee, and the licensee committed to being more proactive.

Handwritten signature/initials