

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: West Michigan Cancer Center 200 North Park Street Kalamazoo, MI 49007 REPORT NUMBER(S) 2014-001	2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. DOCKET NUMBER(S) 030-36539	4. LICENSE NUMBER(S) 21-32501-01	5. DATE(S) OF INSPECTION April 22, 2014
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6. INSPECTION PROCEDURES USED 87132	7. INSPECTION FOCUS AREAS All
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 02230	2. PRIORITY 2	3. LICENSEE CONTACT Paul Jursinic, PhD - RSO	4. TELEPHONE NUMBER (269) 373-7408
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Main Office Inspection Next Inspection Date: April 2016

Field Office Inspection

Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine inspection of a cancer treatment center in Kalamazoo, Michigan, with authorization to conduct high dose rate (HDR) remote afterloading brachytherapy under 10 CFR 35.600, and to possess and use sealed sources for survey instrument calibration. At the time of the inspection, three authorized users, two medical physicists, and a staff of dosimetrists performed approximately 3-4 gynecological treatments per week, with five fractions per treatment.

PERFORMANCE OBSERVATIONS

The inspector observed the conduct of daily spot checks of the HDR unit and associated equipment as well as the first fraction of a gynecological treatment. The inspector observed the RSO (the attending medical physicist) verify that the fraction was administered in accordance with the written directive and treatment plan. The inspector interviewed the RSO and discussed implementation of licensee procedures for treatments, equipment checks, HDR source exchanges, and leak testing. The RSO demonstrated adequate knowledge of radiation protection principles and NRC requirements.

The inspector reviewed a representative selection of written directives, along with the respective treatment plans and treatment records, and verified that the licensee's procedures provided high confidence that the patient's identity was verified before each treatment, and that each was conducted in accordance with the written directive. The inspector also reviewed a selection of licensee records for daily equipment checks, source exchanges including full equipment checks, dosimetry, training, and leak tests of the calibration sources.

No violations of NRC requirements were identified as a result of this inspection.